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EUR D'ALENE MINING INFORMATION

1916

COMPILED BY
Wm. WAGNER
WALLACE, IDAHO.

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Coeur d'Alene Mining Information

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WM. WAGNER
Wallace, Idaho

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Introductory

In presenting this volume the publisher does so, believing that it is for the benefit of the Coeur d'Alene Mining district, for the benefit of the big operating companies, and for the best interests of those engaged in developing prospects. It is also a guide for investors and for business men dealing with the mining men of the Coeur d'Alenes.

Whenever it has been possible, information regarding the companies and properties mentioned herein has been obtained from some one directly connected with the company.

Information has been refused in some instances. Why officials of a mining company, whose stocks are being traded on the exchanges, or whose stocks are in general circulation should refuse to give to the public the information sought for this publication is a question that the publisher leaves for the subscriber to answer. Fortunately for the Coeur d'Alenes and for the mining industry, the percentage of those who have refused accurate information is so small that it is negligible. Wherever information has been requested and has not been supplied, it is so noted.

For detailed information regarding the mining companies and properties briefly described in this reference volume, it is suggested that you correspond with ofifcials of the company. Usually all information may be had by addressing the secretary. In almost every instance he has the records in his office and he also acts as the transfer agent in the matter of exchanging stocks. Some of the larger companies have special transfer offices and the addresses of these are given along with other data.

Coeur d'Alene Mining Information is not designed to establish the merits or demertis of any mine or prospect. It is purely a volume of information and reference, supplying the means for making a thorough investigation of mining properties. It points the way, and, therefore is a volume useful to everyone doing business with the mining companies and mining men of the Coeur d'Alenes.

Wm. WAGNER.

Coeur d'Alene Mining District

Thirty years ago the area embraced in the Coeur d'Alene Mining district was practically uninhabited. Among the occasional visitors were a few daring prospectors and the Indians from the nearby reservations, who came to hunt and fish.

Mining in the Coeur d'Alenes began in the summer of 1882. A. J. Prichard and three companions discovered gold on the banks of a stream near the town of Murray in the north end of the district. News of the discovery spread with the result that the following two summers witnessed a wild rush to the new placer diggings. Placering was done extensively for a few years and the hills were thoroughly prospected for gold. Several quartz claims were located and worked, the first being the Golden Chest near Murray.

Gold alone was sought by those who came to the Coeur d'Alenes with the first rush. After the excitement subsided, those disappointed in their hunt for gold crossed the hills to the south and staked the ground that has since developed the rich lead, silver and zinc mines of Wardner, Burke and Mullan.

With the development of these big producers, the days of gold in Murray were soon forgotten, save by a few who stayed on at the old camp, confident that it would come back. After thirty years of waiting Murray is taking on new life and shows signs of becoming a live mining district. Several of the old properties are now being worked for both gold and tungsten.

Soon after attention was turned to the mining of the baser metals some of the big mines of the district were developed. Among these were the Poorman-Tiger, Bunker Hill & Sullivan, Success, Standard-Mammoth, Hercules, Hecla, Morning, Last Chance, Frisco, Stewart, Interstate-Callahan, and others.

Prospecting and exploration work continued steadily since the first locations were made, but the recent renewed interest in mining has resulted

in much greater activity. With the district being thoroughly prospected, there is reason to believe that new mines will be added to the list of producers within another year.

Shipments are now being made from a number of promising properties, making the outlook for more big mines encouraging, to say the least.

Embraced in the Coeur d'Alene Mining district is all of Shoshone county, Idaho, and the western part of Sanders and Mineral counties, Montana. In the early days the producing mines were located at Wardner, Burke and Mullan. Others were soon opened on Nine Mile, including the Consolidated Interstate-Callahan, the second largest zinc mine in the world. The Tamarack & Custer, another of the big mines of the Coeur d'Alenes, has been developed in the same section and now the Ray-Jefferson, the last property to emerge from the stage of a prospect, has been added to the list of Nine Mile producers. The first mine of that section was Success, the pioneer zinc mine of the district.

In all parts of the Coeur d'Alenes, from the south line of Shoshone county to its northern boundary, from the far west extending into Kootenai county to Iron Mountain, Montana, on the east, development work is going forward with feverish haste. Dozens of properties have left and are leaving the prospect stage. They are already classed as small producers, making shipments of concentrates regularly. And, as the Coeur d'Alenes have already produced some of the biggest and best paying mines of the world, there is reason to feel optimistic for the future. The extensive exploration work now being done is sure to bring in producers that will yield lead, silver, zinc and copper for generations to come.

It is not an exaggeration or misrepresentation to say that the Coeur d'Alene Mining district is unexplored. Until every foot of mineralized ground has been thoroughly prospected, there is warranted the belief that enormous mineral wealth still lies hidden in the mountains of North Idaho.

Making a big mine takes both time and money. The percentage of producers brought in by the

amount of exploration work done in the Coeur d'Alenes is exceptionally high and this coupled with the fact that only a small portion of the entire district has been explored gives promise that there are many more big mines now in the making.

Nowhere can there be found a mining district more favored by nature than the Coeur d'Alenes. There is an abundance of fresh water; the hills are well timbered, supplying cheap lumber for buildings and for underground work; electric power lines are built to most of the promising properties, and railroad lines have been extended to all of the big mines.

At Kellogg, the Bunker Hill & Sullivan is now building a smelter. This will be a big help to all small properties. It will make it possible for them to dispose of limited quantities of ore at home, giving quick returns, thus supplying ready money for the further development.

With its past record and its present standing as one of the greatest mining districts on earth, the Coeur d'Alenes occupy an enviable position, one that will command the attention of the mining world for many years to come.

Profits for 1915

Sworn statements of mining companies of the Coeur d'Alenes show profits for the year 1915 aggregating $9,794,625, an increase of 38 per cent. over the previous year.

The tabulated statement for 1914 and 1915 follows:

	1914	1915
Bunker Hill	$ 802,559	$1,145,854
Caledonia	322,857	761,797
Intérstate-Callahan	182,257	2,921,487
Federal—		
Standard	.....	39,292
Morning	99,126	571,560
Last Chance	72,942	47,370
Greenhill-Cleveland	1,046,757	497,864
Gold Hunter	.....	31,662
Hecla	196,136	593,680
Hercules	1,868,761	1,096,019
Ontario	239,175	223,724
Sierra Nevada	159,339	46,354
Success	.....	898,935
Stewart	854,433	572,231
Tamarack	187,063	346,796
	$6,031,406	$9,749,625

Bunker Hill & Sullivan

Tons extracted	455,205
Gross value	$4,177,819
Cost extraction	1,119,584
Cost transportation and reduction	1,793,275
Cost betterments	136,746
Royalties from leases	17,642
Net profits	1,145,854

1914 profits, $802,559.41; increase, $343,295.44.

Caledonia

Tons extracted	42,628
Gross value	$1,246,859
Cost of extraction	107,575
Cost transportation and reduction	378,960
Royalties	1,473
Net profits	761,797

1914 profits, $322,857.01; increase, $438,940.

Consolidated Interstate-Callahan

Tons etxracted	113,795
Gross value	$4,540,671
Cost extraction	849,240
Cost transportation and reduction	643,363
Cost betterments	126,079
Net profits	2,921,487

1914 profits, $182,255.77; increase, $2,739,232.

Federal

(Standard Mine, Mace)

Tons extracted	52,958
Gross value	$ 332,794
Cost extraction	205,296
Cost transportation and reduction	88,206
Net profits	39,291

No report for 1914.

(Morning Mine, Mullan)

Tons extracted	250,260
Gross value	$1,947,606
Cost extraction	598,898
Cost transportation and reduction	741,996
Cost betterments	35,151
Net profits	571,560

1914 profits, $99,122; increase, $472,438.

(Last Chance Mine, Wardner)

Tons extracted	136,180
Gross value	$ 620,682
Cost extraction	369,083
Cost transportation and reduction	204,228
Net profits	47,370

1914 profits, $72,942; decrease, $25,572.

(Frisco mine, Gem).

Tons extracted	58,113

According to the affidavit of Frederick Burbidge, general manager, no profit was made and only extraction is shown in report. No report made for 1914.

Green Hill-Cleveland

Tons extracted (shipping product) probably	28,125
Gross value	$1,643,798
Cost extraction	658,941

Cost transportation and reduction	415,228
Cost betterments	8,592
Federal ore extracted	63,172
Net profits	497,864

1914 profits, $1,046,757.08; decrease, $548,892.84.

Gold Hunter

Tons extracted	118,764
Gross value	$ 614,590
Cost extraction	333,904
Cost transportation and reduction	214,315
Costs betterments	34,707
Net profits	31,662

1914 loss $45,926.15; increase, $77,624.15.

Hecla

Tons extracted	146,675
Gross value	$1,422,578
Cost extraction	388,340
Cost transportation and reduction	393,587
Cost betterments	46,970
Net profits	593,680

1914 profits, $196,136; increase, $397,543.

Hercules

Tons extracted, concentrates and crude ore	49,441
Gross value	$3,090,174.75
Cost extraction	950,852.27
Cost transportation and reduction	986,218.96
Cost betterments	57,084.15
Net profits	1,096,019.00

1914 profits, $1,868,761.81; decrease, due to property being closed down from May 29 to August 29, $772,742.81.

Marsh

According to the affidavit of W. Earl Greenough, manager, the property was operated at a loss during the year and no figures are given in the report. No report was made for 1914.

Ontario

Tons extracted	81,208
Gross value	$ 689,392
Cost extraction	265,728
Cost transportation and reduction	199,939

Net profits	223,724

1914 profits, $239,175.78; decrease, $15,450.

Sierra Nevada

Tons extracted	15,159
Gross value	$ 110,328
Cost extraction, transport and reduction	63,973
Net profits	46,364

1914 profits, $159,339.63; decrease, $112,985.16.

Success

Tons extracted (concentrates, dry weight)	21,867
Gross value	$1,255,801
Cost extraction, transport and reduction	356,865
Net profits	898,935

1914 loss, $23,946.16; increase, $922,882.09.

Stewart

Tons extracted	180,016
Gross value	$1,557,627
Cost extraction	472,893
Cost transportation and reduction	511,387
Cost betterments	1,115
Net profits	572,231

1914 profits, $854,433.56; decrease, $282,202.56.

Tamarack & Custer

Tons extracted (shipping product probably concentrates and crude ore)	26,146
Gross value	$1,238,754
Cost extraction	449,041
Cost transportation and reduction	439,156
Cost betterments	3,760
Net profits	346,796

1914 profits, $187,063; increase, $163.732.

SHIPMENTS MADE NOT SHOWING PROFITS FOR YEAR 1915

Reports on the following properties are not based on sworn statements, but are gathered from sources

that are reliable. In many instances the output for the last month of the year is estimated:

Federal

(Iron Mountain Mines)

Tons of ore and concentrates shipped	900
Gross value	$ 33,000

Tonnages and values cover portion of year from July 23 to December 31.

(Frisco mines)

Tons of ores and concentrates shipped	5,300
Gróss value of output	$ 128,000

Marsh

Tons of ores and concentrates shipped (estimated)	4,048
Gross value (estimated)	$ 227,000

There was no production during the first six months of the year.

Highland-Surprise

Tons of concentrates and ore shipped	330
Gross value	$ 10,000

Golden Chest

Tons of ore shipped, (tungsten)	10
Gross value	$ 22,500

Terrible Edith

Number of tons shipped	600
Gross value	$ 25,000

Monarch

Number of tons shipped	600
Gross value	$ 10,552

Empire Copper

Number of tons shipped	165
Gross value	$ 3,000

Paragon

Number of tons shipped	110
Gross value	$ 10,100

Murray Hill

Number of tons shipped	110
Gross value	$ 10,100

Silver Cable

Number of tons shipped	41
Gross value	$ 1,200

Hypothecek

Tons of concentrates and ore shipped		38
Gross value	$	1,500

Idora.

Tons of concentrates and ore shipped		300
Gross value	$	13,800

Tuscumbia

Tons of concentrates and ore shipped		764
Gross value	$	27,593

Coeur d'Alene Mining Companies and Properties

ADVANCE MINING COMPANY

Principal place business: Missoula, Montana.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Henry Crego, Missoula, Mont.
Sec.-Treas.: Henry Hubert, Missoula, Mont.
Idaho Managing Agent: J. H. Murphy, Wallace, Ida.
Directors: Herbert Crego and Henry Hubert, Missoula, Mont.; J. H. Murphy, Wallace, Idaho.

Silver-lead property—5 unpatented claims about 3 miles northeast of Mullan. 1700 feet of underground workings; doing assessment work. Located in Hunter Mining district.—J. H. Murphy, May 16, 1916.

ALAMEDA MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: F. J. Finucane, c/o Holly-Mason Hardware, Spokane, Wash.
Sec.-Treas.: Jas. A. Wayne, Wallace, Idaho.
Manager: Chas. McKinnis, Wallace, Idaho.
Directors: F. J. Finucane and Charles Hussey, Spokane, Wash.; Frederick Burbidge, Charles McKinnis and Jas. A. Wayne, Wallace, Idaho.

Lead-zinc property—3 patented and 4 unpatented claims in Placer Center Mining district adjoining Success. Appeal to Supreme court of Idaho now pending in litigation due to contention that Success mined Alameda ore. Tunnel now being driven to open property at depth.—May 27, 1916.

AETNA MINING & MILLING COMPANY

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Jas. Murphy, Burke, Idaho.
Sec.-Treas.: O. W. Lewis, Wallace, Idaho.
Manager: Chas. F. O. Merriam, Wallace, Idaho.
Directors: Dr. C. S. Stone, Dr. F. Leo Quigley, A Wilmot, O. W. Lewis, of Wallace; Jas. Murphy,

Gus Hedlund and John A. Swan, of Burke, Idaho.

Lead-silver property—4 unpatented claims one mile south and east of Burke in Lalande Mining district; 250 feet of underground workings; work to be resumed soon.—O. W. Lewis, April 27, 1916.

AJAX MINING COMPANY

Principal place business: Burke, Idaho.

Capital: $1,600,000. Shares: 1,600,000. Par value $1.
President: Frank E. Starkey, 733 Augusta Ave., Spokane, Wash.
Sec.-Treas.: J. A. Havighorst, 714 W. 14th St., Spokane, Wash.
Manager: Alva C. Bixby, Burke, Idaho.
Superintendent: Alva C. Bixby, Burke, Idaho.
Directors: Frank E. Starkey and J. A. Havighorst, Spokane; H. W. Woodward, 309 Item Bldg., Lynn, Mass.; Alva C. Bixby, Burke, Idaho; George Sprague, Lynn, Mass.; Florence Moriarity, Spokane, Wash.; Gus Benson, Burke, Idaho.

Lead-silver—13 patented claims at the head of Gorge gulch adjoining Hercules on east; near Burke in Lalande Mining district; about 8000 feet of tunnel work; now working 7 men drifting on ledge.—J. A. Havighorst, May 22, 1916.

ALBANY LEAD MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: John Dunphy, Burke, Idaho.
Secretary: A. G. Kerns, Wallace, Idaho.
Treasurer: John Dunphy, Burke, Idaho.
Manager: John Dunphy, Burke, Idaho.
Directors: John Dunphy, Burke, Idaho; C. C. Wynn, Burke, Idaho; Wm. Finley, Burke, Idaho; John H. Nordquist and A. G. Kerns, Wallace, Idaho.

Lead-silver property—11 unpatented claims southeast of Hecla on east side of Burke canyon in Lalande Mining district; about 1200 feet of underground workings; working small force.—A. G. Kerns, May 3, 1916.

Property has since been bonded by George Herron, of Chatcolet, Idaho, and associates. Will push development work.—Publisher, June 4, 1916.

ALCIDES MINING COMPANY

Incorporated under laws of Washington.

Principal place business: Spokane, Wash.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Grant D. Miles, Fairfield, Wash.
Sec.-Treas.: M. W. Neary, 618 Hyde Bldg., Spokane, Wash.
Manager: Ed Ehrenberg, Wallace, Idaho.
Directors: M. W. Neary, Spokane; Grant D. Miles, Fairfield, Wash; Ed Ehrenberg, Wallace; Oscar Cain, Hyde Bldg., Spokane, Wash.; H. Goetz, Alaska Bldg., Seattle, Wash.

Lead-Silver—4 patented claims and a half interest in three patented fractions adjoining Burke on the east and south in the Lalande Mining district. About 2500 feet of tunnel. Now working force drifting on vein and driving crosscut from Gertie tunnel at depth of over 1300 feet.—Ed Ehrenberg June 1, 1916

ALHAMBRA MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: E. H. Moffitt, Wallace, Idaho.
Secretary: Wm. A. Corey, Spokane, Wash.
Treas.: Charles Hussey, Spokane, Wash.
Manager: Charles Hussey, Spokane, Wash.
Directors: Charles Hussey and Wm. A. Corey, Spokane; E. H. Moffit, Wallace.

Lead-silver—12 patented claims adjoining the Bunker Hill & Sullivan on the east; in Yreka Mining district; about two miles of tunnels and drifts: operations to be renewed after the completion of the Bunker Hill & Sullivan smelter now under construction.—E. H. Moffitt, April 18, 1916.

ALICE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: Walter Mackay, 723 South Park Ave., Portland, Ore.
Sec.-Treas.: Jas. F. McCarthy, Wallace, Idaho.
Manager: Jas. F. McCarthy, Wallace, Idaho.
Directors: Jas. F. McCarthy and A. G. Kerns, Wal-

lace; Walter Mackay, Portland; John H. Foss, Mullan, Idaho.

Lead-silver—23 patented claims half way between Wallace and Mullan in Lalande Mining district; 680 feet of shafts and 9570 feet of crosscuts and drifts; property bonded and leased to Hammond & Baine, Wallace, Idaho; now working force unwatering mine and taking out ore.—L. E. Hanley, May 27, 1916.

AMAZON DIXIE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $750,000. Shares 1,500,000. Par value 50c.
President: Wesley Everett, Wallace, Idaho.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Wesley Everett, Wallace, Idaho.
Superintendent: Archie McCallum, Wallace, Idaho.

Directors: Wesley Everett, Herman J. Rossi, Judge W. W. Woods, and Hugh Toole, of Wallace; A. W. Allenburger, of Hydraulic Pressed Steel Co., Cleveland, Ohio.

Lead-silver-copper—9 unpatented claims located at Sildix, Mont., on the Northern Pacific railway in the East Coeur d'Alenes; 4 millsites on property; property is extensively explored by shafts, tunnels, drifts, and raises. Now working 12 men at the mine. —Herman J. Rossi, June 2, 1916.

AMBERGRIS MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $1,000.000. Shares 1,000,000. Par value $1.

Company owns a group of claims north and west of Burke adjoining the Hercules group. Reorganizing the Ambergris' still under way. This included reducing the capital from $3,000,000 to $1,000,000 and making the stock assessable.

Directors elected to take charge of the business of the company are Eugene R. Day, Herman J. Rossi, P. I. J. Maggy, John H. Wourms and Jas. F. McCarthy, all of Wallace.

Considerable work has been done on the claims and as soon as the reorganization is completed operations will again be resumed.—Herman J. Rossi, June 10, 1916.

AMERICAN COMMANDER MINING & MILLING COMPANY, Ltd.

Incorporated under laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: E. J. Clark, Carlyle Hotel, Spokane, Wash.
Sec.-Treas.: M. J. McHugh, Mullan, Idaho.
Manager: E. J. Clark, Spokane, Wash.
Superintendent: Jas. Gearon, Wallace, Idaho.

Directors: P. A. Paulsen, E. H. Averill and E. J. Clark, of Spokane; M. J. McHugh, Mullan; Pat J. Gearon, Wallace.

Lead-silver—2 patented claims; one fraction patent proceedings pending; adjoining the Gold Hunter on the west in the Hunter Mining district; shaft 75 feet deep; upper tunnel in 700 feet and lower tunnel in about 1100 feet; working 6 men driving crosscut.—M. J. McHugh, May 17, 1916.

AMY-MATCHLESS MINING & MILLING COMPANY

Principal place business: Mankato, Minn.

President: George Medenmann, Mankato, Minn.
Sec.: C. J. Holman, Mankato, Minn.
Treas.: W. A. Beach, Mankato, Minn.
Manager: Gus A. Smith, Kingston, Idaho.

Directors: W. A. Beach, C. J. Holman, Geo. Medenmann, of Mankota, Minn.; Gus A. Smith, Kingston, Idaho.

Lead-zinc—5 patented claims and millsite and 12 unpatented claims on Pine creek in Yreka Mining district; about 3500 feet of tunnels and 200 feet of shafts.—W. A. Beach, Mankato, Minn., May 17, 1916.

ANACONDA COPPER COMPANY

Principal place business: Anaconda, Mont.

President: John D. Ryan, 42 Broadway, New York.
Sec.-Treas.: A. H. Melin, 42 Broadway, New York.
Idaho agent and attorney in fact: Wm. J. Kelly, Beeler, Idaho.

Company is working the Douglas on Pine Creek under bond and lease. For particulars see Douglas Mining Company.

ALPINA COPPER COMPANY

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.
Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Chas. W. Beale, Wallace, Idaho.
Sec.-Treas.: A. H. Featherstone, Wallace, Idaho.
Manager: A. H. Featherstone, Wallace, Idaho.
Directors: Chas. W. Beale, A. H. Featherstone, of Wallace; A. P. Cochrane, Mullan, Idaho; Alexander Muir, San Diego, Cal.

Copper—6 unpatented claims about 2½ miles north of Adair, Idaho, on Kelly creek in St. Joe Mining district; about 2500 feet of underground workings; now working small force.—A. H. Featherstone, May 16, 1916.

ANCHOR MINING COMPANY.

Principal place business: Spokane, Wash.
Capital: $1,500,000. Shares: 1,500,00. Par value $1.
President: Evan Evans, Burke, Idaho.
Sec.-Treas.: J. L. Prickett, Spokane, Wash.

Lead-silver—Company owns a group of claims across the canyon from the Hecla near Burke in Lalande district. Company is inactive. Officers failed to respond to call for information.

AMERICAN MINING COMPANY

Principal place business: Wallace, Idaho.
Capital: $100,000. Shares: 1,000,000. Par value 10c
President: Wm. Stimson, Spokane, Wash.
Sec.-Treas.: John Dolan, Wallace, Idaho.
Manager: Tony Molitor, Wallace, Idaho.
Directors: Wm. Stimson, Spokane; S. P. Fairweather, James Cronin, Tony Molitor, Eugene Conard, Wallace, Idaho.

Lead-silver—2 unpatented claims west of Success on Nine Mile in Placer Center Mining district; considerable exploration work done. Not working at present.—John Dolan, June 2, 1916.

ARCTIC MINING & MILLING CO., Ltd.

Principal place business: Wallace, Idaho.
Capital: $1,500,000 Shares: 1,500,000. Par value $1.
President: Henry Lalonde, Wallace, Idaho.

Secretary: Geo. H. Heller, Box 22, Osborne, Idaho.
Treasurer: W. H. Keating, Wallace, Idaho.
Manager: George H. Heller, Osborne, Idaho.

Directors: C. H. Brown and Henry Lalonde, Wallace; George H. Heller, Osborne, Idaho.

Silver-lead—4 claims and 4 fractions, unpatented. 7 miles from Wallace on Placer creek in Placer Center Mining district; tunnel in 550 feet; working small force driving crosscut for vein.—George H. Heller, May 8, 1916.

ARGENTINE MINE.

Co-partnership.

Trustee: M. J. Flohr, Wallace, Idaho.

Owners of property: Coeur d'Alene Hardware company, ½ interest; White & Bender company, ¼ interest; estates of Finch & Campbell, ¼ interest.

Grey copper—1 patented claim about 1½ miles west of Wallace; 800 feet of underground workings; produced about $100,000 in silver. Not working.—E. H. Moffitt, April 21, 1916.

ATLANTIC MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: R. B. Bohannon, Spokane, Wash.

Directors: Herman J. Rossi, Otto A. Olsson, Homer G. Brown, Wallace; Chas. Anderson, Delta, Idaho; R. B. Bohannon, Spokane, Wash.

Lead-silver—7 unpatented claims west of the Clear Grit on Beaver creek in the Beaver Mining district; 380 feet of crosscuts and tunnels; expect to start further development work soon.—Otto A. Olsson, May 2, 1916.

AURORA-SAMPSON MINING COMPANY

Company has been consolidated with the H. E. M. Mining Company and is now known as the Western Union Mining Company. See Western Union Mining Company.

BANNER IDAHO MINING COMPANY

Organized under laws of Idaho.

Principal place business: 63 Zeigler Bldg., Spokane, Wash.

Capital: $1,500,000. Shares 1,500,000. Par value $1.
President: L. H. Snyder, Spokane, Wash.
Secretary: C. J. Smith, Spokane, Wash.
Treasurer: L. H. Snyder, Spokane, Wash.
Manager: A. P. McRae, Mullan, Idaho.

Silver-lead—4 claims and a fraction, patented; located above Mullan in Hunter Mining district; 700 feet of tunnel. Not working.—C. J. Smith, June 4, 1916.

BASIN MINING COMPAN

Principal place business: Wallace, Idaho.

Capital: $75,000. Shares: 1,500,000. Par value 5c.
President: O. W. Lewis, Wallace, Idaho.
Sec.-Treas.: Therrett Towles, Wallace, Idaho.
Manager: Herman J. Rossi, Wallace, Idaho.

Directors: O. W. Lewis, Therrett Towles, Franklin Pfirman, L. C. Wilson, of Wallace, Idaho; John P. Gray, Coeur d'Alene, Idaho.

Lead-silver—5 patented claims south of the Hercules and east of the Laclede in the Lalande Mining district; considerable open cut work and a shaft; property has been idle for a few years, but operations are to be resumed soon.—O. W. Lewis, April 19, 1916.

BEAR TOP & OROFINO CONSOLIDATED MINING COMPANY

Incorporated under the laws of Washington.

Principal place business: Spokane, Wash.

Corporation going out of business on account of failure. Bear Top group consists of 7 patented claims to the east of Murray in the Summit Mining district; property has reverted to original owners: Moses Simmons, Murray, Idaho, and Mrs. Carrie Tarr, 1411½ Oh Street, Sacramento, Cal.

Orofino group consists of 11 unpatented claims located near the Bear Top group. Claims and

other assets will be sold by A. G. Kennedy, of Monarch, Idaho, receiver, on June 27, 1916.

Property has produced lead-silver ore valued at $125,000. Been worked under lease recently.—A. G. Kennedy, May 30, 1916.

BELLE OF THE WEST MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $75,000. Shares 1,500,000. Par value 5c.
President: Geo. R. Trask, Wallace, Idaho.
Secretary: M. E. Trask, Wallace, Idaho.
Treasurer: C. A. Keating, Wallace, Idaho.
Manager: Geo. R. Trask, Wallace, Idaho.
Directors: Geo. R. Trask, M. E. Trask, J. W. Tabor, M. D. Thibadeau, C. A. Keating, Wallace Idaho.

Lead-silver—2 patented claims and 2 fractions on east Nine Mile creek adjoining Success on the northwest; in Placer Center Mining district; about 800 feet of underground workings; expect to start work soon. Geo. R. Trask, April 21, 1916.

BELL MINING COMPANY.

Principal place business: Spokane, Wash.

Capital: $125,000. Shares 500,000. Par value 25c.
President: Vacant.
Vice President: M. J. Flohr, Wallace, Idaho.
Secretary: Charles Hussey, Spokane, Wash.
Treasurer: E. H. Moffitt, Wallace,, Idaho.
Manager: E. H. Moffitt, Wallace, Idaho.
Managing Agent in Idaho: E. H. Moffitt, Wallace, Idaho.
Directors: M. J. Flohr and E. H. Moffitt, of Wallace; Charles Hussey, Spokane, Wash.

Lead-silver—8 claims and 2 fractions, patented, about 1 mile below Gem in the Burke canyon; in Lalande Mining district; 7000 feet of underground workings; shipped about 300 tons; expect to resume operations about June 1, 1916, with 6 or 7 men.—E. H. Moffitt, April 27, 1916.

BELMONT-BANNER MINING COMPANY

Organized under laws of Washington.

Principal place business: Spokane, Wash.

Capital: $1,000,000. Shares 1,000,000. Par value $1.

President: Conrad Wolfle, 417 Hutton Bldg., Spokane, Wash.
Sec.-Treas.: W. E. Poole, 417 Hutton Bldg., Spokane, Wash.
Manager: Conrad Wolfle, 417 Hutton Bldg., Spokane, Wash.
Directors: Dewalt Renshaw, D. R. Glasgow, W. E. Poole, Conrad Wolfle, of Spokane; Peter Jackson, Murray, Idaho.

Lead-silver—3 unpatented claims on Deer creek, a tributary of Beaver creek; in Beaver Mining district; about 1600 feet of underground workings; now working force drifting on vein.—M. A. Corner, May 24, 1916.

BELMONT MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: Wm. Scheave, Wallace, Idaho.
Sec.-Treas.: Frank P. Hess, Wallace, Idaho.
Manager: Wm. Scheave, Wallace, Idaho.
Superintendent: Wm. Scheave, Wallace, Idaho.
Directors: Wm. Scheave, Frank P. Hess, of Wallace; Dr. Weatherspoon, Murray hospital, Butte, Mont.; Ida Scheave, Wallace, Idaho; Christ Anderson, Burke, Idaho; Mildred E. Hess, Wallace, Idaho.

Lead-silver—11 unpatented claims on Two Mile gulch about 4 miles north of Osborne in Evolution Mining district; about 1800 feet of underground workings; now working 6 men advancing crosscut tunnel.—Frank P. Hess, May 1, 1916.

BEN HUR MINING COMPANY

Incorporated under laws of Montana.

Principal place business: Saltese, Mont.

Capital: $1,500,000. Shares 1,500,000. Par value $1.
President: D. S. Dixon, Quartz, Mont.
Secretary: Charles Luedke, Saltese, Mont.
Treasurer: C. A. Keating, Wallace, Idaho.
Manager: Frank Bell, Saltese, Mont.
Directors: D. S. Dixon, Quartz, Mont.; C. A. Luedke, Peter Peterson, Frank Bell, Walter L. Murray, Saltese, Mont.

Lead-silver: 9 unpatented claims about three

miles north of Saltese in the East Coeur d'Alenes; 3000 feet of underground workings; will resume operations shortly.—Frank Bell, May 28, 1916.

BENTON MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: John Callahan, Wallace, Idaho.
Sec.-Treas.: F. P. Candee, Wallace, Idaho.
Manager: John Callahan, Wallace, Idaho.
Superintendent: John Callahan, Wallace, Idaho.
Directors: John Callahan, Ernest Gnaedinger, F. P. Candee, of Wallace; Fred Richardson, Burke, Ida.; N. E. Nuzum, Spokane, Wash.

Lead-silver-antimony—4 claims and a fraction, patented, about a quarter of a mile from Burke in Gorge gulch; Lalande Mining district; about 2000 feet of underground workings; now working 5 men drifting on vein.—F. P. Candee, April 28, 1916.

BERNICE MINING COMPANY

Principal place business: Kellogg, Idaho.

Capital: $2,000,000. Shares: 2,000,000. Par value $1.
President: E. C. Moore, Kellogg, Idaho.
Sec.-Treas.: A. O. Larson, Kellogg, Idaho.
Directors: E. C. Moore, Murdock Cameron, F. M. Bedell, T. P. Wormward, E. Cameron, Kellogg, Idaho.

Lead-silver—2 unpatented claims on Haystack peak in Yreka Mining district; 300 feet of tunnel; property not working.—A. O. Larson, May 1, 1916.

BEST CHANCE MINING COMPANY, Ltd.

Principal place business: 203 Paulsen Bldg., Spokane, Wash.
Capital: $1,500,000. Shares 1,500,000. Par value $1.
President: Chas. H. Bell, 203 Paulsen Bldg., Spokane, Wash.
Sec.-Treas.: Chas. A. Gram, 203 Paulsen Bldg., Spokane, Wash.
Manager: Elmer Harr, Wallace, Idaho.
Directors: Chas. H. Bell, Chas. A. Gram, 203 Paulsen Bldg., Spokane; Chas. Harr, Wallace, Idaho; W. A.

Cox, North Yakima, Wash.; John A. Scott, Edmunton, Alberta.

Lead-silver—12 unpatented claims on Dago Peak gulch in Evolution Mining district; 2700 feet of crosscutting and drifting; working 6 men drifting and crosscutting; property is 1¼ mile from O. W. R. & N. railway.—Chas. H. Bell, June 3, 1916.

BIG CREEK LEASING COMPANY

Principal place business: Kellogg, Idaho.

Capital: $50,000. Shares: 5,000. Par value $10.
President: D. W. Price. Kellogg, Idaho.
Sec.-Treas.: A. O. Larson, Kellogg, Idaho.
Manager: D. W. Price, Kellogg, Idaho.
Directors: D. W. Price, R. R. Rice, Harry Morrell and C. L. Buck, Kellogg, Idaho.

Grey copper.—Leasing the lower levels of the Yankee located on Big creek in the Evolution Mining district, about 5 miles from Kellogg. Recently shipped car of ore to Tacoma smelter. Working 10 men and will drive tunnel to cut vein 200 feet lower than present workings.—A. O. Larson, May 1, 1916.

BIG CREEK MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: G. Scott Anderson, Wallace, Idaho.
Sec.-Treas.: W. W. Smith, Wallace, Idaho.
Manager: G. Scott Anderson, Wallace, Idaho.
Directors: G. Scott Anderson, W. W. Smith, A. H. Featherstone, Irving Anderson, Wallace, Idaho; Dr. C. E. McCoy, Belgrade, Mont.

Silver—6 claims, patent applied for, on Big Creek in Evolution Mining district; under lease to L. J. Tefft, of Wallace; about 3000 feet of underground workings; shipped about 500 tons of ore.—W. W. Smith, April 26, 1916.

BIG DIVIDE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares 1,500,000. Par value $1.
President: Alexander Murphy, Wallace, Idaho.
Sec.-Treas.: E. H. Pattison, Hutton Bldg., Spokane, Wash.

Manager: Alexander Murphy, Wallace, Idaho.
Directors: Alexander Murphy, Frank P. Markwell, Chas. Markwell, J. F. Markwell, Wallace; E. H. Pattison, Spokane.

Silver-lead—11 patented and 2 unpatented claims on Nine Mile adjoining the Success in Placer Center Mining district; about $30,000 expended on development work and equipment; expect to resume operations during the summer.—Alexander Murphy, May 1, 1916.

BIG ELK MINING COMPANY

Organized under the laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $2,000,000. Shares: 2,000,000. Par value $1.
President: E. L. Proebsting, Wallace, Idaho.
Sec.-Treas.: A. H. Featherstone, Wallace, Idaho.
Manager: Peter Peterson, Saltese, Mont.
Directors: E. L. Proebsting, Geo. K. Garrett, W. S. Brown, A. H. Featherstone, Wallace; Peter Peterson, Saltese, Mont.

Copper—21 unpatented claims on the north side of the Milwaukee railroad about midway between Roland and Adair, Idaho, in the St. Joe Mining district; about $40,000 expended on development work; shipped 3 cars of ore; now working small force exploring vein.—A. H. Featherstone, May 16, 1916.

BITTER ROOT MOUNTAIN MINING COMPANY

Organized under laws of Washington.

Principal place business: Spokane, Wash.

Capital: $75,000. Shares 1,500,000. Par value 5c.
President: F. A. Egerton, 16 State St., Rochester, New York.
Sec.-Treas.: Mrs. F. A. Noteware, 939 South Hilliard Ave., Spokane, Wash.
Directors: F. A. Edgerton, Rochester, N. Y.; Mrs. F. A. Noteware, Spokane.

Lead-silver—3 patented claims one mile south of Mullan on Boulder creek in Hunter Mining district; about 650 feet of tunnel and shaft; now working small force driving crossent. Property is leased to W. T. Penrose, Spokane, Wash., and associates for 15 years.—May 26, 1916.

BLACK BEAR CONSOLIDATED MINING CO., Ltd.

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Peter Bernier, Wallace, Idaho.
Sec.-Treas.: L. L. Brainard, Wallace, Idaho.
Manager: Peter Bernier, Wallace, Idaho.
Directors: Peter Bernier, Wallace; S. D. Lemieux, Black Bear, Idaho; Otto Grice, Portland, Ore.; Fremont S. Rowe, Burke, Idaho; Geo. H. Cushing, Moscow, Idaho.

Lead-silver-zinc—70 acres of patented ground at Black Bear in Burke canyon; 6000 feet of underground workings; expect to resume operations soon. —May 1, 1916.

BLACK HAWK MINING & DEVELOPMENT COMPANY

Principal place business: Wardner, Idaho.

Capital: $150,000. Shares 1,500,000. Par value 10c.
President: Alfred Page, Spokane, Wash.
Sec.-Treas.: Dana R. Treat, Wallace, Idaho.
Manager: Frederick Burbidge, Wallace, Idaho.
Directors: Alfred Page, Spokane; Dana R. Treat, Frederick Burbidge, A. J. Devlin, Oscar Dull, Wallace, Idaho.

Lead-silver—10 patented claims below Government gulch in Yreka Mining district; extensively explored; one of the old properties of the district; not working. —D. R. Treat, May 3, 1916.

BLACK TRAVELER COPPER MINING COMPANY

Organized under the laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: O. S. Roof, Mullan, Idaho.
Sec.-Treas.: J. R. Bean, Mullan, Idaho.
Manager: O. S. Roof, Mullan, Idaho.
Directors: O. S. Roof, J. R. Bean, Mullan, Idaho; R. E. Seysler, Wallace; Wm. Poorman and J. F. Luedke, Saltese, Mont.

Copper—6 unpatented claims about 2½ miles northeast of Saltese, Mont., in St. Regis Mining district; about 5000 feet of underground workings, will resume operations shortly.—J. R. Bean, May 17, 1916.

BLAINE & EMMETT MINING COMPANY

Organized under the laws of Idaho.

Principal place business: Murray, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Amos Watkins, Albion, Wash.
Sec.-Treas.: Robert Skeman, Murray, Idaho.
Manager: Merrill Heblethwaite, Murray, Idaho.
Directors: Amos Watkins, Albion Wash.; R. J. Houtaling, Union, Idaho; N. B. Miller, Mullan, Idaho.

Copper-lead—4 unpatented claims on West Eagle in the Eagle Mining district; near Union, Idaho, about 750 feet of tunnel, will work during summer.—Merrill Heblewaite—June 4, 1914.

BLUE BELL MINING COMPANY, Ltd.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: M. J. Weber, 2732 No. San Francisco Ave., Chicago.
Sec.-Treas.—F. Bland, Wallace, Idaho.
Manager: Chas. Magnee, Wallace, Idaho.
Directors: Axel Swan, Burke, Idaho; M. J. Weber, Chicago; Chas. Magnee, Wallace, Idaho; Chris Anderson, Burke, Idaho; Swan Swanson, Chicago; F. Bland, Wallace.

Silver-lead—10 unpatented claims on Big creek; part in Yreka and part in Evolution district; considerable tunnel work; not working at present.—F. Bland, June 5, 1916.

BLUE GROUSE MINING COMPANY

This comprises a small group of claims at the head of Nine Mile adjoining the Interstate-Callahan. Most of the owners of the property live at Moscow, Idaho, but those interested refused to respond to a call for information.

BLUE RIBBON MINING COMPANY

Organized under the laws of the State of Washington.

Principal place business: Spokane, Wash.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: F. T. McCormick, Spokane, Wash.

Sec.-Treas.: James Keeth, 510 Kuhn Block, Spokane, Wash.
Directors: W. L. Tribble, C. A. Lindsay, F. T. McCormick, all of Spokane, Wash.
Copper-galena—7 unpatented claims located 5 miles east of Burke on lower Glidden Lake; shaft 40 feet deep; 1500 feet of tunnel.—James Keeth, June 2, 1916.

BLUE WING MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Peter Zanetti, Wallace, Idaho.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Peter Zanetti, Wallace, Idaho.
Directors: Henry Otting, Herman J. Rossi, Peter Zanetti, all of Wallace, Idaho.
Silver-lead—3 unpatented claims on Nine Mile opposite Marsh mill; 1632 feet of underground workings; now working 2 men.—Herman J. Rossi, April 26, 1916.

BLUE STAR MINING AND MILLING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: $1,000,000. Par value $1.
President: W. W. Bixby, Wallace, Idaho.
Sec.-Treas.: G. W. Dougherty, Wallace, Idaho.
Manager: August Gren, Kingston, Idaho.
Directors: W. W. Bixby, Wallace, Idaho; George B. Dresher, Box 1994, Spokane, Wash.; George W. Dougherty, Wallace, Idaho; Frank Blendenhofer and August Gren, Kingston, Idaho.

Silver-lead-zinc—8 patented claims on Pine creek in Yreka Mining district. About 2500 feet of underground workings; shaft down 120 feet. Expect to start work by June 1.—August Gren, April 24, 1916.

BOBBIE ANDERSON GROUP

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Theodore Brown, Beeler, Idaho.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Theodore Brown, Beeler, Idaho.
Directors: Theodore Brown, Beeler, Idaho; Herman J. Rossi; A. Wyman, John H. Wourms, and A. G.

Kerns, all of Wallace, Idaho.

Lead-silver-zinc—2 claims and 2 fractions, unpatented on Pine creek 2 miles west of the Bunker Hill & Sullivan at Wardner, in the Yreka district; 300 foot shaft and considerable tunnel workings.—Herman J. Rossi, April 26, 1916.

BOSS ZINC MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $50,000. Shares: 1,000,000. Par value 5c.
President: Ben E. Hervey, Wallace, Idaho.
Secretary: A. L. Nicholson, Wallace, Idaho.
Treasurer: Dr. J. A. Savage, Wallace, Idaho.
Mgr.-Supt.: Ben E. Hervey, Wallace, Idaho.

Directors: Ben E. Hervey, A. L. Nicholson, J. A. Savage, C. P. Collon and A. H. Featherstone, all of Wallace, Idaho.

Lead-silver-zinc—3 unpatented claims 2½ miles north of Osborne on old Murray road in Evolution Mining district; about 800 feet of crosscuts, drifts, and shafts. Now working small force.—A. L. Nicholson, May 4, 1916.

Company reorganized June 5, 1916, with following officers: Henry Lieb, president; A. F. Lieb, treasurer; who with A. H. Featherstone, A. L. Nicholson, and Ben E. Hervey comprise directory.—June 5, 1916.

BOSTON-COLBY MINING COMPANY.

Organized under the laws of the State of Montana.

Principal place business: Saltese, Mont.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Peter Peterson, Saltese, Mont.
Sec.-Treas.-Mgr.: Andrew Flack, 21 First St., Milwaukee, Wis.
Superintendent: Joseph Speikermann, Saltese, Mont.

Directors: Peter Peterson, Joseph Speikermann, Saltese, Mont.; Andrew Flack, Milwaukee, Wis.

Copper—9 claims joining Saltese, Montana, on the west; 2000 feet of tunnel work; now idle; will resume operations shortly to explore big ledge encountered.—Joseph Speikermann, May 28, 1916.

BOULDER CREEK MINING AND MILLING, LTD.

Organized under the laws of the State of Idaho.

Principal place business: Larsen, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Leo Greenough, 928 Old National Bank Bldg., Spokane, Wash.
Sec.-Treas.: W. J. Beaton, 928 Old National Bank Bldg., Spokane, Wash.

Company owns the "Central" patented claim, also the Boulder, Windstorm No. 2, No. 3, and No. 4, Galena Cliff, Shelby, Rex, and Atlantic claims, non-patented; Hunter Mining district, Shoshone county, Idaho; about one mile south of Mullan. Property not operating now. No ore shipped.—W. J. Beaton, June 2, 1916.

BRYAN MINING COMPANY

Co-partnership.

Owners: E. R. Day, and Charles Burns, both of Wallace, Idaho.
Manager: E. R. Day, Wallace, Idaho.

Lead-silver— 14 patented claims about 4½ miles northeast of Saltese on west fork of Packer creek; about 2000 feet of underground workings; will resume operations shortly.—Charles Burns, June 3, 1916.

BRISTOL MINING COMPANY, LIMITED.

Principal place business: Wallace, Idaho.

Capital: $125,000. Shares: 1,250,000. Par value 10c.
President: Harry Morrell, Kellogg, Idaho.
Sec.-Treas.: C. C. Richlie, Wallace, Idaho.
Manager: Harry Morrell, Kellogg, Idaho.
Directors: John Atkins, Walter J. Owen, Harry Morrell, and W. J. Simmonds of Kellogg, Idaho, and Chester C. Richlie, of Wallace, Idaho.

Silver-zinc-lead—9 unpatented claims on Pine creek in Yreka district; work started recently with 2 men driving crosscut; expect to start larger force soon.—C. C. Richlie, April 29, 1916.

BULLION MINING COMPANY, LIMITED

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: William Squance, Wallace, Idaho.
Sec.-Treas.-Mgr.: James H. Taylor, Wallace, Idaho.
Superintendent: Dan Keefe, Wallace, Idaho.
Directors: William Squance, James H. Taylor, Robert Marshall, E. Rey Ireland, Frank Taylor, all of Wallace, Idaho.

Copper-gold-silver—3 patented and 13 unpatented claims on Bullion Creek on the Montana side. Nearest railroad at Bullion 4 miles from property. 4000 feet of tunnels and crosscuts. Now working 16 men advancing crosscut for vein at depth of 1200 feet. Shipped one carload of ore.—James H. Taylor, April 22, 1916.

BURLINGTON MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $2,500,000. Shares: 2,500,000. Par value $1.
President: John Hall, Grinnell, Iowa.
Sec.-Treas.-Mgr.: F. M. Gardner, Spokane, Wash.
Directors: John Hall, Grinnell, Iowa; F. M. Gardner, Hyde Block, Spokane, Wash.

Lead-silver—13 unpatented claims between the forks of Two Mile in Evolution Mining district; about 2000 feet of tunnel; been working under contract.—S. V. Osborne, May 12, 1916.

BUFFALO MINING COMPANY

Organized under the laws of the State of Montana

Principal place business: Missoula, Montana.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
Sec.-Mgr.: A. K. Anderson, Missoula, Montana.

Copper-lead-silver-gold—28 unpatented claims 14 miles south of Deborgia, Montana; about 2300 feet of tunnel work.—A. K. Anderson, May 26, 1916.

BURKE MINING COMPANY, LIMITED.

Organized under the laws of the State of Idaho.

Principal place business: Burke, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Ernest Brewer, Black Bear, Idaho.
Sec.-Treas.: John C. Glahe, Burke, Idaho.
Directors: E. Brewer, Black Bear, Idaho; Oscar Dittwe, Black Bear, Idaho; Charles Minch, Gem, Idaho; John Showalter, Wallace, Idaho, and J. C.

Glahe, Burke, Idaho.

Lead-silver—12 patented claims near Burke in Lalande Mining district; about 1400 feet of tunnels; not working.—J. C. Glahe, June 4, 1916.

BUTTE AND KELLY MINES COMPANY

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: A. Wyman, Wallace, Idaho.
Manager: W. A. Bartee, Kellogg, Idaho.
Directors: Herman J. Rossi, A. Wyman, and Franklin Pfirman, of Wallace, Idaho; W. H. Nichols, Butte, Mont.; W. A. Bartee, Kellogg, Idaho.

Lead-silver—10 unpatented claims a little over a mile from Kellogg on Cook gulch; 350 feet of tunnel; now working small force driving crosscut.—W. H. Nichols, May 2, 1916.

BUNKER HILL & SULLIVAN MINING & CONCENTRATING COMPANY.

Organized under the laws of the State of Oregon.

Principal place business: Kellogg, Idaho.

Transfer office: San Francisco, Cal.
Capital: $3,270,000. Shares: 327,000. Par value $10.
President: F. W. Bradley, San Francisco, Cal.
Secretary: George F. Holman, Portland, Oregon.
Treasurer: William Crocker, San Francisco, Cal.
Manager: Stanly A. Easton, Kellogg, Idaho.
Mine Supt.: William McDougall, Kellogg, Idaho.
Mill Supt.: R. S. Handy, Kellogg, Idaho.

Argentiferous galena: 190 patented and 56 unpatented claims; amount of ore produced, 6,918,072 tons; gross value of output, $64,409,361.19; gross earnings of company, $21,082,573.25; dividends paid to date, $16,773,000; property is located at Kellogg in Yreka Mining district. Now working 650 men. —Stanly A. Easton, June 2, 1916.

Work is just being started on a smelter at Kellogg. This will be the first in the Coeur d'Alenes and will do much towards aiding in the development of the smaller mines of the district.—Publisher.

CALEDONIA MINING COMPANY

Principal place business: Kellogg, Idaho.
Capital: $2,605,000. Shares: 2,605,000. Par value $1.
President: Stanly A. Easton, Kellogg, Idaho.
Sec.-Treas.: Chas. McKinnis, Wallace, Idaho.
Directors: Stanly A. Easton, Kellogg; John Finch estate, Spokane, Wash.; Jas. E. Gyde, Chas. McKinnis, P. Kratzer, Wallace, Idaho.

Carbonate lead-silver-copper—2 patented claims east of the Stewart and adoining the Bunker Hill & Sullivan at Wardner; property has produced 29,124 tons of ore; gross value, $2,556,446.51; dividends paid to date, $1,328,550; average number of men employed, 40.

Above tonnage, values and dividends computed from June, 1914, or since the property came under the management of the Bunker Hill & Sullivan. Estimated that property paid about $50,000 in dividends before June, 1914.—Stanly A. Easton, June 14, 1916.

CALIFORNIA CONSOLIDATED MINING COMPANY

Principal place business: Wallace, Idaho.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: H. L. Collins, Pittsburg, Pa.
Sec.-Treas.: S. Severance, Pittsburg, Pa.
Manager: A. G. Kerns, Wallace, Idaho.
Directors: H. L. Collins, S. Severance, J. Obey, and Derbin Horn, of Pittsburg, Pa.; and A. G. Kerns, Wallace, Idaho.

Lead-silver—4 patented claims and 2 millsites at Black Cloud in Placer Center district; mill owned by company is leased to Marsh company; property idle since 1908. Expect to do further exploration this year.—A. G. Kerns, May 5, 1916.

CARBONATE CENTER MINING COMPANY

Organized under the laws of Idaho.
Principal place business: Mullan, Idaho.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Archie Gillis, Mullan, Idaho.
Sec.-Treas.: John E. Sherrard, Mullan, Idaho.
Manager: John Foss, Mullan, Idaho.
Directors: John Foss, Archie Gillis, John E. Sherrard, of Mullan; John Erickson, Wallace.

Copper-lead—9 unpatented claims about 5 miles east of Mullan in Hunter Mining district; shaft down 90 feet; about 1200 feet of underground workings; now working 2 men.—John Erickson, May 26, 1916.

CALLAHAN MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Jas. F. Callahan, Wallace, Idaho.
Sec.-Treas.: Francis C. Boutin, Wallace, Idaho.

Holdings have been transferred to Consolidated Interstate-Callahan and corporation is being dissolved. —Publisher, June 1, 1916.

CARBONATE HILL MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Geo. Shiel, c|o Portland Flouring Mills, Spokane, Wash.
Sec.-Treas.: John E. Hoppe, No. 7 Wolverton Blk., Spokane, Wash.
Manager: John E. Hoppe, No. 7 Wolverton Blk., Spokane, Wash.
Superintendent: Andrew Hedin, Mullan, Idaho.
Directors: Geo. Shiel, John E. Hoppe, J. S. Phillips, Wm. Ganniger, 117 Washington St., all of Spokane, Wash.

Zinc-silver-lead—10 patented and 2 unpatented claims on Willow creek, 3 miles southeast of Mullan, in Hunter Mining district; portal of tunnel 1000 feet from N. P. railway; 3000 feet of tunnel and crosscut; working at depth of 800 feet; 4 men employed.—John E. Hoppe, April 24, 1916.

CARNEY COPPER COMPANY

Organized under laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: J. L. Martin, Mullan, Idaho.
Sec.-Treas.: C. D. Miller, Mullan, Idaho.
Manager: J. L. Martin, Mullan, Idaho:
Directors: A. P. McRae, Henry Billberg; J. L. Martin. C. D. Miller, of Mullan; C. D. Martin, Phoenix, B. C.

Copper-silver-lead—11 patented claims 4 miles

southeast of Mullan near Steven's peak in Hunter Mining district, about 3500 feet of underground workings; upper workings now under lease to Butte Development Co., H. C. Heinze, of Mullan, manager. Will start shipping ore shortly.—J. L. Martin, May 17, 1916.

C. & R. MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Edwin Roberts, Cheney, Wash.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Edwin Roberts, Cheney, Wash.
Superintendent: Sam Hammer, Sunset, Idaho.
Directors: Dr. I. S. Collins, Russell F. Collins, Mrs. J. M. Smith, Spokane; Edwin Roberts, Cheney, Wash.; Herman J. Rossi, Wallace, Idaho.

Silver-lead—7 patented claims on east Nine Mile near Burke-Hercules divide; 3540 feet of underground workings; working 4 men crosscutting and drifting.—Herman J. Rossi, April 25, 1916.

CENTRAL MINING COMPANY

Principal place business: Burke, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Maurice V. McNamee, Burke, Idaho.
Sec.-Treas.: H. W. Walster, Burke, Idaho.

H. W. Walster asked the publisher to state that he did not care to have anything published regarding the company.

CEDAR CREEK MINING & DEVELOPMENT CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: J. W. Weyer, Wallace, Idaho.
Sec.-Treas.: Wm. Becker, Wallace, Idaho.
Manager: John M. Weyer, Murray, Idaho.
Directors: J. W. Weyer, Wm. Becker, Clem Weyer, Wm. C. Schwabe, Wallace; John M. Weyer, Murray, Idaho.

Lead-silver—15 unpatented claims about 1½ miles from Raven, a station on the O.-W. R. & N. about 4 miles above Murray; in Summit Mining dis-

trict; about 5000 feet of underground workings; working 6 men advancing crosscut to vein; shipped one carload of ore.—Wm. Becker, April 26, 1916.

CHICAGO-BOSTON MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Cyrus W. Gossert, Wallace, Idaho.
Sec.-Treas.: William S. Bangs, 514 California Bldg., Tacoma, Wash.
Manager: Cyrus W. Gossert, Wallace, Idaho.
Superintendent: Cyrus W. Gossert, Wallace, Idaho.
Directors: John R. Neely, Spokane; W. S. Hazard Jr., Des Moines, Iowa; H. M. Mumford, Glyndon, Minn.; Cyrus W. Gossert, Wallace.

Silver-lead—9 claims, patented and patent applied for; 2 miles southwest of Wallace in Placer Center Mining district; about 4000 feet of underground workings; not working, but will resume operations shortly.—Cyrus W. Gossert, April 27, 1916.

CHESTER MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: P. P. Weber, Kellogg, Idaho.
Sec.-Treas.: S. P. Fairweather, Wallace, Idaho.
Directors: P. P. Weber, Kellogg; John Weber, Wardner, Idaho; S. P. Fairweather, Wallace.

Lead-silver—6 patented claims at the head of Spring gulch about 2 miles below Osborne in Evolution Mining district; about $25,000 expended on development work; will resume operations soon.—Elmer Johnson, May 4, 1916.

CHICAGO MINING COMPANY, LTD.

Principal place business: Burke, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Wm. F. Hearn, Burke, Idaho.
Other officers unknown.

Property consists of four claims near Burke in Lalande Mining district; property is inactive and president would supply no information.

CLEAR GRIT MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: P. A. Becker, Walla Walla, Wash.
Sec.-Treas.: O. W. Lewis, Wallace, Idaho.
Superintendent: W. H. Matchette, Pritchard, Idaho.
Directors: Dr. F. C. Rood, P. A. Becker, Walla Walla, Wash.; O. W. Lewis and Ernest A. Foster, Wallace; W. M. Scarbrough, 167 South Stevens Street, Spokane, Wash.

Lead-silver-zinc—7 unpatented claims on Beaver creek in Beaver Mining district; 1600 feet of underground workings; now working 3 men drifting on vein at depth of 400 feet.—O. W. Lewis, April 24, 1916.

CLIMAX SILVER-LEAD MINING COMPANY

Principal place business: Wallace, Idaho.

Capital $375,000. Shares: 1,500,000. Par value 25c.
President: D. C. McKissick, Wallace, Idaho.
Secretary: H. V. Edwards, Wallace, Idaho.
Treasurer: F. B. Feetham, Grand Forks, N. D.
Manager: L. R. Feetham, Wallace, Idaho.
Superintendent: H. V. Edwards, Wallace, Idaho.
Directors: D. C. McKissick, L. R. Feetham, H. V. Edwards, Dr. Herbert Mowery, of Wallace; F. B. Feetham, A. F. Turner, W. F. Perry, of Grand Forks, N. D.

Lead-silver—1 patented and 3 unpatented claims at the head of Revenue gulch on West Nine Mile in Placer Center Mining district; about 775 feet of underground workings; now working 9 men driving crosscut.—L. R. Feetham, April 28, 1916.

COLONIAL MINING & MILLING COMPANY

Principal place business: Wallace, Idaho.

Capital: $500,000. Shares: 2,000,000. Par value 25c.
President: A. G. Kerns, Wallace, Idaho.
Sec.-Treas.: C. E. Miller, Wallace, Idaho.
Directors: Peter Limacher, Watson Beebe, A. G. Kerns, C. E. Miller, all of Wallace.

Company was originally organized by John D. and Watson Beebe to take over the Little Pittsburg group on Pine creek sold under contract to the

Beebes by Gus A. Smith, of Kellogg, Idaho, and associates. Considerable work was done on the group under the management of John D. Beebe. Failure to make payment resulted in litigation which is still pending. Property is now in possession of Gus A. Smith and associates.—June 2, 1916.

CARBONATE MINING COMPANY

Organized under the laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Wm. M. Riggs, Kellogg, Idaho.
Sec.-Treas.: C. W. Simmons, Kellogg, Idaho.
Manager: Chris Wise, Mullan, Idaho.
Directors: Donald Campbell, Wm. M. Riggs, A. P. Bailey, C. W. Simmons, of Kellogg; Chris Wise, of Mullan, Idaho.

Lead-silver-copper—5 unpatented claims on Pine creek near Beeler station on the O. W. R. & N. railway; in Yreka Mining district; shaft down 30 feet; upper tunnel in 600 feet; lower tunnel in 400 feet; expect to resume operations shortly.—Wm. M. Riggs, May 25, 1916.

COLUSA MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: William Thyson, Mace, Idaho.
Secretary: J. H. Wixom, Wallace, Idaho.
Treasurer: Paul Leuschel, Wallace, Idaho.
Manager: Wm. Thyson, Mace, Idaho.
Directors: William Thyson, Mace; Paul Leuschel, E. A. Lockhart, J. H. Wixom, Wallace; one vacancy.

Lead-silver—10 unpatented claims on west fork of Pine creek in Yreka Mining district; property explored by tunnels; two millsites with group of claims; not working.—J. H. Wixom, May 2, 1916.

CORBY GROUP

Co-Partnership.

Owners: John Steffes, Mrs. John Steffes, W. C. Boyle and C. W. Simmons, all of Kellogg, Idaho.

Lead-silver—4 unpatented claims on Pine creek about 1½ miles north of the Northern Light; 400

feet of lower tunnel and about 150 feet of other workings; now doing 200 feet of drifting under contract; Clyde McKasson and Joseph Baxter, of Kellogg, contractors.—John Steffes, May 27, 1916.

COLUMBUS COPPER MINING COMPANY

Principal place business: Thompson Falls, Mont.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Wm. P. Flood, Mullan, Idaho.
Secretary: Theo. Beddard, Thompson Falls, Mont.
Treasurer: M. J. McHugh, Mullan, Idaho.
Manager: Wm. P. Flood, Mullan, Idaho.
Directors: Wm. P. Flood, M. J. McHugh, of Mullan; Theo. Beddard, Fred Hoagland, Thompson Falls, Mont.; John J. Flood, Sunset, Idaho.

Copper-silver-gold—7 unpatented claims, surveyed for patent; in East Coeur d'Alenes on Montana side; 300 feet of tunnel and several short tunnels and open cuts; expect to start work in June.—Wm. P. Flood, May 8, 1916.

COMET GOLD AND COPPER MINING COMPANY, LIMITED.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Archie McCallum, Wallace, Idaho.
Sec.-Treas.: Jos. F. Whelan, Wallace, Idaho.
Manager: A. L. Honaker, Wallace, Idaho.
Directors: Archie McCallum, Jos. F. Whelan, A. L. Honaker, Lyman Wood, Jas. H. Taylor, all of Wallace, Idaho.

Copper-silver-lead—4 unpatented claims in unorganized district on divide between South Fork and St. Joe river; about 4 miles south of Mullan; 2000 feet of underground workings; work will be resumed about July 1.—Jos. F. Whelan, April 27, 1916.

COMSTOCK COPPER MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: John H. Nordquist, Wallace, Idaho.
Sec-.Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: John H. Nordquist, Wallace, Idaho.

Superintendent: John H. Nordquist, Wallace, Idaho.
Directors: John H. Nordquist, Otto A. Olsson, of Wallace; Axel Swan, August Nelson, of Burke, Idaho; Allen J. Olson, Missoula, Mont.

Copper-silver-lead—5 unpatented claims about 4 miles northeast of Burke; about 700 feet of tunnels and drifts; expect to start operations in near future. —Otto A. Olsson, May 16, 1916.

CONSOLIDATED INTERSTATE-CALLAHAN MINING COMPANY

Organized under laws of Arizona.

Principal place business: 61 Broadway, New York.
Transfer office: 61 Broadway, New York.
Capital: $5,000,000. Shares: 500,000. Par value $10.
Shares issued: 464,990.
President: John A. Percival, 61 Broadway, New York
Sec.-Treas.: C. M. Loeb, 61 Broadway, N. Y.
Manager: C. W. Newton, Wallace, Idaho.
Mine Superintendent: C. W. Newton, Wallace, Idaho.
Consulting Engineer: D. F. Haley, Wallace, Idaho.
Directors: John A. Percival, New York; C. M. Loeb, New York; Dr. Otto Sussman, 61 Broadway, New York; Jas. F. Callahan, Wallace, Idaho; S. S. Titus, Grand Forks, N. D.; G. M. Rodearmel, Minneapolis, Minn.; Milie Bunnell, A. L. Warner, Gus Carlson, Duluth, Minn.; J. H. Robbers, Spokane, Wash.; A. L. Riley, St. Cloud, Minn.
Idaho Agent: C. W. Newton, Wallace, Idaho.

Zinc—Mine and mill located at the head of Nine Mile. One of the biggest zinc producers in the world. Paid largest net profits of any mine in the Coeur d'Alenes during 1915.

CONSTITUTION MINING AND MILLING CO.

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares 1,500,000. Par value $1.
President: George Turner, Columbia Bldg., Spokane, Wash.
Sec.-Treas.: B. H. Kizer, Old National Bank Bldg., Spokane, Wash.
Manager: Thos. Thwaite, Sprague and Wall Sts., Spokane, Wash.
Superintendent: Jos. Trainer, Beeler, Idaho.
Directors: George Turner, Frank H. Graves, F. T.

Post, L. Roy Slater, Thos. Thwaite, all of Spokane, Wash.

Lead-zinc—8 patented claims and 2 unpatented claims on the east fork of Pine creek in Yreka Mining district; 1800 feet of underground workings; shipped about 400 tons of ore; now working 35 men; ore being hauled to Pine creek spur of O. W. R. & N. railway 9 miles from property; proposed Pine creek railroad will have terminal at mine; plans being made for erection of mill.—Thos. Thwaite, April 28, 1916.

COPPER CROWN MINING COMPANY

Organized under laws of Idaho.

Principal place business: Mullan, Idaho.
Capital: $125,000. Shares: 1,250,000. Par value 10c.
President: E. A. Massing, Mullan, Idaho.
Sec.-Treas.: J. H. Hendrickson, Mullan, Idaho.
Manager: J. H. Hendrickson, Mullan, Idaho.
Directors: E. A. Massing, J. H. Hendrickson, Chas. Bloom, Oscar Swanson, all of Mullan, Idaho.

Copper-silver—8 unpatented claims located in St. Regis Mining district on St. Regis river on Montana side; 2500 feet of underground workings; will resume operations in June.—J. H. Hendrickson, May 17, 1916.

COPPER CHIEF MINING COMPANY

Principal place business: Wallace, Idaho.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: C. Rey Ireland, Wallace, Idaho.
Sec.-Treas.: Jas. H. Taylor, Wallace, Idaho.
Manager: Jas H. Taylor, Wallace, Idaho.
Directors: C. Rey Ireland, Jas. H. Taylor, D. E. Wickward, Emil Pfeister, all of Wallace, Idaho.

Copper—8 unpatented claims in East Coeur d'Alenes south of Saltese between Bullion and Wonderful group; about 2000 feet underground workings; now working in conjunction with Bullion driving long tunnel.—Jas. H. Taylor, May 8, 1916.

COPPER KING MINING & SMELTING COMPANY

Organized under laws of Idaho.

Principal place business: Mullan, Idaho.
Capital: $1,500,000. Shares 1,500,000. Par value $1.

President: D. K. McDonald, Spokane, Wash.
Sec.-Treas.: H. W. Ingalls, Mullan, Idaho.
Manager: H. W. Ingalls, Mullan, Idaho.
Superintendent: Thos. Sullivan, Mullan, Idaho.
Directors: D. K. McDonald, Paulsen Blk., Spokane; Henry Billberg, E. B. Crawford, H. W. Ingalls, of Mullan; R. C. Vanderford, Spokane, Wash.

Lead-silver—18 unpatented claims, surveyed for patent, about 4 miles north and east of Mullan in Hunter and Lalande Mining districts; about $180,000 expended on development; lower tunnel about 1 mile long; Sullivan & Mills, contractors, now drifting on vein.—H. W. Ingalls, May 17, 1916.

COPPER MOUNTAIN MINING & DEVELOPMENT COMPANY

Principal place business: Mullan, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: J. H. Hendrickson, Mullan, Idaho.
Sec.-Treas.: J. E. Hendrickson, Mullan, Idaho.
Manager: J. H. Hendrickson, Mullan, Idaho.
Directors: J. H. Hendrickson, J. E. Hendrickson, Thos. Peterson, John Foss, all of Mullan, Idaho.

Copper—8 unpatented claims in Sanders county, Montana, about half way between Mullan and Thompson Falls, Mont., in Burns Mining district; about 1500 feet underground workings; expect to start work during June.—J. H. Hendrickson, May 17, 1916.

COPPER PRINCE CONSOLIDATED MINING COMPANY

Organized under laws of Idaho.

Principal place business: Herrick, Idaho.

Capital: $4,000,000. Shares 4,000,000. Par value $1.
President: Samuel R. Hite, Fairmont, West Va.
Secretary: E. C. Dilliner, Uniontown, Pa.
Treasurer: Samuel R. Hite, Fairmont, West Va.
Directors: Samuel R. Hite, Fairmont, West Va.; E. C. Dilliner, John S. Craig, Wm. W. Parshall, of Uniontown, Penn.; Dr. John T. Wood, Coeur d'Alene, Idaho.

Lead-silver-copper—37 claims, 13 comprise the Copper Prince group on main line of the Milwaukee

railroad in the south part of Shoshone county; copper property; explored by 1200 feet of tunnels.

24 claims comprise the Idaho-Virginia group; 6 miles south of St. Joe; exploration work has disclosed lead-silver ore; company is now working and plans on crowding operations.—May 25, 1916.

COPPER PLATE MINING COMPANY, LTD.

Organized under the laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $125,000. Shares: 1,250,000. Par value 10c.

President: J. H. Hendrickson, Mullan, Idaho.

Sec.-Treas.: Jas. W. Hutchins, Mullan, Idaho.

Manager: J. H. Hendrickson, Mullan, Idaho.

Directors: J. H. Hendrickson, Jas. W. Hutchins, Gus Johnson, of Mullan; O. S. Olson, Moscow, Idaho.

Lead-silver-zinc—6 unpatented claims; join the Gold Hunter on the north; near Mullan in Hunter Mining district; about 2800 feet of underground workings; working small force.—J. H. Hendrickson, May 17, 1916.

COEUR D'ALENE ANTIMONY COMPANY

Organized under the laws of Idaho.

Principal place business: Pine creek near Kellogg.

Capital: $50,000. Shares: 500.000. Par value 10c.

President: M. E. Jolly, Coulie City, Wash.

Sec.-Treas.: C. M. Powell, Kellogg, Idaho.

Managing Director: C. M. Powell, Kellogg, Idaho.

Mine Superintendent: A. J. Brainard, Kellogg, Idaho.

Mill Superintendent: Al Dunn, Kellogg, Idaho.

Directors: M. E. Jolly, Coulie City, Wash.; H. J. Hibschman, Paulsen Blk., Spokane; C. M. Powell, Kellogg, Idaho.

Antimony—2 claims and 2 fractions, unpatented, 1 mile up Pine creek from O. W. R. & N. spur; one of old properties of the Coeur d'Alenes; years ago produced about 1500 tons antimony; now shipping about 3 cars a month; working about 30 men in mine and mill.—May 31, 1916.

COEUR D'ALENE CHAMPION MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares 1,500,000. Par value $1.

President: A. M. Doyle, Spokane, Wash.

Sec.-Treas.: Jas. Keeth, 510 Kuhn Blk., Spokane, Wash.
Directors: A. M. Doyle, C. A. Lindsay, J. L. Drumheller, Albert Harper, W. L. Tribble, Jas. Keeth, W. S. McCrea, all of Spokane, Wash.

Copper-galena—17 unpatented claims located on Military gulch 3 miles east of Burke in Hunter Mining district; 3700 feet of underground workings; lower tunnel in 2500 feet.—Jas. Keeth, June 2, 1916.

COEUR D'ALENE CHECKMATE CONSOLIDATED MINING COMPANY

Principal place business: Wallace, Idaho.
Directors: F. Cushing Moore, Roy H. Kingsbury, Therrett Towles, of Wallace, Idaho.
Capital: $200,000. Shares: 2,000,000. Par value 10c.
No further organization.

COEUR D'ALENE CRESCENT MINING COMPANY

Organized under the laws of Washington.
Principal place business: Spokane, Wash.
Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: L. W. Bonney, Seattle, Wash.
Sec.-Treas.: F. W. Mauser, Spokane, 404 Jamieson Bldg.
Directors: L. W. Bonney, Seattle; J. B. Millspaugh, F. W. Mauser, Spokane; S. V. Osburn and F. R. Crocker, Osborne, Idaho.

Lead-silver-zinc—6 unpatented claims and a millsite located about one mile northwest of Osborne in the Evolution Mining district; one of the oldest quartz locations in the Coeur d'Alenes and known as the "Old Evolution;" located during the gold excitement at Murray and thought valuable for gold until extensive development proved it to be valuable for lead-silver and zinc; all assays carry some gold; between $60,000 and $70,000 has been expended on development work; property has been working steadily for past year with 2 and 3 men.—F. W. Mauser, June 16, 1916.

COEUR D'ALENE DEVELOPMENT COMPANY

Principal place business: Kellogg, Idaho.
Capital: $100,000. Shares: 1,000,000. Par value 10c.

A subsidiary corporation of the Stewart Mining Company.

COEUR D'ALENE EXPLORATION COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares 1,500,000. Par value $1.
President: Otto A. Olsson, Wallace, Idaho.
Sec.-Treas.: F. Bland, Wallace, Idaho.
Manager: R. H. Granville, Wallace, Idaho.
Directors: Otto A. Olsson, Dr. L. E. Hanson, Herman J. Rossi, F. Bland, R. H. Granville, all of Wallace.

Lead-silver—10 unpatented claims on Big creek in Yreka Mining district; 150 foot tunnel; working 6 men drifting on vein.—F. Bland, April 29, 1916.

COEUR D'ALENE INVESTMENT CO., LTD.

Organized under the laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: M. E. Lewis, Moscow, Idaho.
Sec.-Treas.; J. R. Bean, Mullan, Idaho.
Manager: Abe Hutton, Mullan, Idaho.
Directors: Thos. M. Brennan, J. R. Bean, Abe Hutton, O. S. Roof, all of Mullan; M. E. Lewis, R. Hodgins, Moscow, Idaho; D. M. Eckman, Troy, Mont.

Lead-silver—6 patented and 10 unpatented claims at Keystone, Mont., in the East Coeur d'Alenes; about 5 miles from Iron Mountain, Mont.; shipped about $200,000 worth of ore years ago; about 8000 feet of underground workings; not working.—J. R. Bean, Mullan, Idaho.

COEUR 'ALENE JUMBO MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Elmer Johnson, Wallace, Idaho.
Sec.-Treas.: S. P. Fairweather, Wallace, Idaho.
Manager: E. P. Kelly, Osborne, Idaho.
Directors: E. P. Kelly, Osborne, Idaho; S. P. Fairweather, Elmer Johnson, Wallace, Idaho; E. J. Nelson, Rosalia, Wash.; Fred M. Prichard, Osborne, Idaho.

Lead-silver—4 unpatented claims about 1 mile below Osborne in Evoltuion Mining district; about $15,000 expended in development work; now working 2 men.—Elmer Johnson, May 5, 1916.

COEUR D'ALENE MINING & CONCENTRATING COMPANY

Principal place business: Spokane, Wash.

Capital: $2,500,000. Shares: 500,000. Par value $5.
President: vacant.
Sec.-Treas.: Charles Hussey, Spokane, Wash.
Manager: E. H. Moffitt, Wallace, Idaho.
Idaho Managing Agent and Attorney in Fact: E. H. Moffitt, Wallace, Idaho.
Directors: Chas. Hussey, Spokane, Wash.; E. H. Moffitt, Wallace; some vacancies.

Lead silver—3 patented claims on Canyon creek in Lalande Mining district; produced in 1893-4; now being worked under lease and bond by A. Swan, Burke, Idaho.—E. H. Moffitt, May 2, 1916.

COEUR D'ALENE PLACER MINING COMPANY

Incorporated under laws of Maine.

Principal place business: Boston, Mass.

President: Barton Eames, Ames Bldg., Boston, Mass.
Sec.-Treas.: Mr. Corneau, Ames Bldg., Boston, Mass.
Idaho Managing Agent: John F. Murphy, Murray, Idaho.

Gold—Company owns 2800 acres of patented ground on Prichard creek, including ten miles of the creek; been idle for about 10 years; took out considerable gold some years ago.—John F. Murphy, May 27, 1916.

COEUR D'ALENE MINING & SMELTING CO.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: $1,000,000. Par value $1.
President: Dennis Goggin, Wallace, Idaho.
Secretary: A. H. Featherstone, Wallace, Idaho.
Treasurer: A. H. Featherstone, Wallace, Idaho.
Manager: Patrick Brady, Wallace, Idaho.
Superintendent: Patrick Brady, Wallace, Idaho.
Directors: Dennis Goggin, A. H. Featherstone; Walter Sullivan; Dr. C. S. Stone and James Cunningham, all of Wallace, Idaho.

Silver-lead—7 unpatented claims on Nine Mile about half mile west of Success on West Nine

Mile creek; in Placer Center Mining district; about 1200 feet of tunnel and 60 feet of shaft; now working 5 men drifting on vein.—Patrick Brady. April 27, 1916.

COEUR D'ALENE LEAD & SILVER MINING COMPANY

Incorporated under laws of Washington.

Principal place business: Spokane, Wash.

Capital: $250,000. Shares: 1,000,000. Par value 25c.
President: J. M. Porter, 508 Peyton Bldg., Spokane, Wash.
Sec.-Treas.: H. S. Stoolfire, Hyde Blk., Spokane, Wash.
Manager: J. M. Porter, 508 Peyton Bldg., Spokane,
Directors: J. M. Porter and H. S. Stoolfire, Spokane, Wash.

Lead-silver-zinc—4 patented claims and 1 unpatented, about half mile up St. Joe Creek and about 3 miles southwest of Mullan; 600 feet of underground workings; expect to start work in June.—J. M. Porter, May 15, 1916.

COEUR D'ALENE SILVER LEAD MINING COMPANY

Principal place of business: S. 817 Arthur St., Spokane, Wash.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Chas. Heidenreich, 1004 E. 8th Ave., Spokane, Wash.
Sec.-Treas.: Stefan Silberman, S. 817 Arthur St., Spokane, Wash.
Manager: Chas. Heidenreich, 1004 E. 8th Ave., Spokane, Wash.
Idaho Managing Agent and Attorney in Fact: Morton Webster, Wallace, Idaho.
Directors: Chas. Heidenreich, Stefan Silberman, Spokane, Wash.

Lead-silver—7 unpatented claims about 6 miles east of Mullan, near Pottsville; 1500 feet of underground workings; not working at present; will do work there this summer.—Morton Webster, May 18, 1916.

COEUR D'ALENE VULCAN MINING COMPANY

Organized under laws of State of Wisconsin.

Principal place business: Clintonville, Wis.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Geo. E. Beedle, Madison, Wis.
Secretary: Edward Felchow, Clintonville, Wis.
Treasurer: J. P. Steier, Wallace, Idaho.
Directors: Thos. Ryan, Edward Laubeheimer, both of Oshkosh, Wis.; Dr. Wallschmidt, Fon du lac, Wis.

Lead-silver—8 patented claims about 3 miles west of Wallace in Evolution Mining district; about 3400 feet of tunnel; property under bond and lease.—John Steier, May 12, 1916.

COEUR D'ALENE SILVER-LEAD MINING & DEVELOPMENT CO.

Organized under the laws of Washington.

Principal place business: Spokane, Wash.

Capital: $150,000. Shares: 1,500,000. Par value 10c.

Company filed articles in Shoshone county on June 11, 1916, and will begin the development of properties on Sunset in the Beaver district.

CUBA MINING COMPANY

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: D. L. Hopkins, Stewart, Idaho.
Sec.-Treas.: J. Dolan, Wallace, Idaho.
Directors: Fred Kratzer, Spokane, Wash.; D. L. Hopkins, Stewart, Idaho; C. W. Betts and A. G. Kerns, Wallace.

Lead-silver—2 patented claims about 2 miles from Wallace on Nine Mile canyon, Placer Center Mining district; about 1600 feet of underground workings; not working.—June 2, 1916.

DALMATIA MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital $1,500,000. Shares: 1,500,000. Par value $1.
President: W. H. Keating, Wallace, Idaho.
Sec.-Treas.: E. R. Turk, Wallace, Idaho.

Manager: Chas. Anderson, Wallace, Idaho.
Directors: W. H. Keating, E. R. Turk, Peter Limacher, Chas. Anderson, Steve Barbora, all of Wallace, Idaho.

Lead-silver—4 unpatented claims on Pine creek in Yreka Mining district; about 700 feet of underground workings; expect to start operations soon.—Peter Limacher, May 11, 1916.

DADDY MINING COMPANY

Co-Partnership.

Principal place business: Murray, Idaho.

Owners:

A. D. Coplen, 2324 Altamont Blvd., Spokane, Wash.
Robert T. Horn, Murray, Idaho.
M. S. Bentley, Reliance Blk., Spokane, Wash.

Gold—3 patented claims; shipped ore years ago; not operated for about 18 years; one of oldest gold mines in Coeur d'Alene district; produced over $200,000 in gold.—A. D. Coplen, May 23, 1916.

DARBY MINING & MILLING CO., LTD.

Principal place business: Mullan, Idaho.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: S. C. Bean, Mullan, Idaho.
Sec.-Treas.: P. J. McHugh, Mullan, Idaho.
Manager: James Gormley, Mullan, Idaho.
Directors: M. J. McHugh, Jas. A. Bean, S. C. Bean, Jas. Gormley, Valentine Hebien, all of Mullan.

Lead-silver—5 unpatented claims in East Coeur d'Alene Mining district at Keystone, Mont.; about 1 mile from Iron Mountain mine; about 600 feet underground workings; will do work this summer.—M. J. McHugh, May 17, 1916.

DEEP WONDER MINING COMPANY

Organized under laws of Washingotn.

Principal place business: Spokane, Wash.
Capital: $2,000,000. Shares: 2,000,000. Par value $1.
President: James H. Taylor, Wallace, Idaho.
Sec.-Treas.: D. L. Filer, 400 Title Bldg., Spokane, Wash.
Manager: Chas. J. Kapps, Spokane, Wash.
Directors: Chas. R. Howard, Courthouse, Spokane; Jas. H. Taylor, Wallace; F. P. Green, Old Nat. Bank Bldg, Spokane; Chas J. Kapps, Spokane.

Silver-lead—12 patented and 2 unpatented claims

at the head of Trowbridge gulch, Hunter Mining district, four miles northeast of Wallace, Idaho; 3500 feet of tunnels and drifts; development temporarily suspended.—D. L. Filer, June 15, 1916.

DENNEMORA GOLD AND COPPER MINING CO., LTD.

Incorporated under the laws of Idaho.
Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Oscar Nordquist, Wallace, Idaho.
Secretary: P. O. Swanson, Wallace, Idaho.
Treasurer: J. J. Love, Wardner, Idaho.
Manager: Emil Johnson, Mullan, Idaho.
Directors: O. M. Nordquist, and P. O. Swanson, Wallace, Idaho; J. J. Love, Wardner; W. F. Gardner, Wardner, and Emil Johnson, Mullan, Idaho.

Copper-gold—4 unpatented claims and millsite, patent applied for; about 2 miles west of Taft, Mont.; shaft down about 240 feet; about 400 feet of tunnel work; will start operations soon.—P. O. Swanson, May 24, 1916.

DAISY MINING COMPANY, LTD.

Organized under the laws of Idaho.
Principal place business: Mullan, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Jos. Carson, Mullan, Idaho.
Sec.-Treas.: C. D. Miller, Mullan, Idaho.
Manager: Jas. A. Bean, Mullan, Idaho.
Directors: Jas. A. Bean and Jos. Carson, Mullan, Idaho; W. D. Greenough, Whitehorse, Yukon Ter.; Christian Jacky, Missoula, Mont.; O. B. Nelson, Valley Ford, Wash.

Lead-silver—2 unpatented fractions at Larson, Idaho, in Hunter Mining district; about 1000 feet of underground workings; now working small force on crosscut.—C. D. Miller, May 17, 1916.

DOUGLAS MINING CO., LTD.

Principal Place business: Wallace, Idaho.

Capital: $1,200,000. Shares: 1,200,000. Par value $1.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: D. R. Treat, Wallace, Idaho.

Directors: Herman J. Rossi, H. C. Adami, H. E. Howes, J. W. Tabor, all of Wallace; Frank F. Johnson, Boise, Idaho; Wm. J. Hall, 32 Broadway, New York; John P. Gray, Coeur d'Alene, Idaho.

Lead-silver-zinc—7 patented claims and 3 fractions, on East Fork of Pine Creek about six miles southwesterly from Wardner; property has been extensively explored and is now under option to Anaconda Copper Co., which is working about 12 men.—Herman J. Rossi, April 26, 1916.

DOMINION MINING COMPANY

Organized under the laws of Idaho.

Principal Place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: C. E. Poor, Los Angeles, Cal.
Sec.-Treas.: W. H. Hanson, Wallace, Idaho.
Manager: C. E. Poor, Los Angeles, Cal.
Directors: C. E. Poor, Los Angeles, Cal.; W. H. Hanson, W. W. Woods, both of Wallace, Idaho.

Lead-silver—3 patented claims at Carbon Center on Beaver Creek in Summit Mining district; about 1000 feet of underground workings; not working.—W. H. Hanson, May 31, 1916.

DU BOIS MINING COMPANY

Organized under the laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: H. E. Ginter, Du Bois, Pa.
Sec.-Treas.: J. B. Eberhart, Punxsutawney, Pa.
Manager: Geo. W. Coleman, Kellogg, Idaho.
Directors: John Curry, Ridgeway, Pa.; John B. Eberhard, Punxsutawney, Pa.; Henry E. Ginter, Austin Blakeslee, S. J. Schreckengast, all of Du Bois, Pa.; John H. Tilsley, Spokane, Wash.; Geo. W. Coleman, Kellogg, Idaho; John W. Jones, Ellasport, Pa.; John Danil, Harrisburg, Pa.

Gold—Located 2 miles east of Kellogg; formerly known as the New Jersey; was worked extensively for gold years ago; equipped with stamp mill; been idle for a number of years, but now planning on resuming operations.—Geo. W. Coleman, June 6, 1916.

DULUTH MINING COMPANY

Principal Place business: Wallace, Idaho.

Capital: $375,000. Shares 1,500,000. Par value 25c.
President: Jas. J. Murphy, Burke, Idaho.
Sec.-Treas.: E. Hedin, Wallace, Idaho.
Manager: Chas. A. Andrews, Burke, Idaho.
Idaho Managing Agent and Attorney in Fact: Chas. A. Andrews, Burke.
Directors: Jas. J. Murphy, Chas. A. Andrews, of Burke, Idaho; Ed Hedin, O. A. Olin, of Wallace. Idaho; R. B. Whiteside, Duluth, Minn.

Lead-silver—7 unpatented claims south and east of Mace, in Lalande Mining district; considerable exploration work has been done; not working at present.—F. Bland, April 29, 1916.

DULUTH-MINNEAPOLIS SYNDICATE

Co-Partnership.

Manager: O. B. Wallace, Wallace, Idaho.
Co-Partners: W. T. Smith, 513 Selwood, Duluth, Minn.; Dr. J. J. Ecklun, Duluth, Minn.; C. L. Stacy, c/o Stacy & Son, Minneapolis, Minn.: M. G. Rodearmel, Commerce, Bldg., Minneapolis, Minn.; Geo. W. McClellan, Plymouth Bldg., Minneapolis, Minn.; John A. Percival, New York.

Lead-silver-zinc—7 unpatented claims on Grouse creek on west side of Nine Mile, in Placer Center Mining district; 1250 feet of underground workings; Now working 14 men drifting on lead.—O. B. Wallace, April 19, 1916.

DENVER CREEK CONSOLIDATED M. & M. CO.

Principal place business: Kellogg, Idaho.

Capital: $50,000. Shares: 1,000,000. Par value 5c.
President: M. H. Scott, Kellogg, Idaho.
Sec.-Treas.: H. P. Osborne, Kellogg, Idaho.
Manager: W. H. Stone, Beeler, Idaho.
Directors: T. P. Wormward, M. H. Scott, H. P. Osborne, all of Kellogg, Idaho; Geo. McLeod, Kingston; W. H. Stone, Beeler, Idaho.

Zinc-silver-lead—7 unpatented claims located on Pine Creek adjoining Hilarity group; working two shifts, driving tunnel to crosscut vein.—T. P. Wormward, June 2, 1916.

EAGLE GOLD AND COPPER MINING CO.

Principal Place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: John H. Nordquist, Wallace, Idaho.
Sec.-Treas.: W. W. Smith, Wallace, Idaho.
Manager: John H. Nordquist, Wallace, Idaho.
Directors: John H. Nordquist, H. E. Howes, G. Scott Anderson, all of Wallace, Idaho, and Chas. Jackson, Burke, Idaho.

Gold-copper—3 unpatented claims just west of Bullion, near Idaho-Montana line; no work being done now.—W. W. Smith, April 20, 1916.

EAGLE MOUNTAIN COMPANY

Principal place business: Thompson Falls, Mont.

Capital: $150,000. Shares 1,500,000. Par value 10c.
President: Adolph Haupt, Wallace, Idaho.
Sec.-Treas.: W. W. Bixby, Wallace, Idaho.
Manager: D. A. McLeod, Wallace, Idaho.
Directors: Roy Hinkle, D. A. McLeod, Ray Pell, Adolph Haupt, all of Wallace, Idaho; H. Marlow, Missoula, Mont.

Lead-silver—7 unpatented claims (surveyed for patent), 10 miles west of Thompson Falls, Mont., in Burns Mining district; about $17,000 has been expended on development; expect to resume operations during June.—D. A. McLeod, April 30, 1916.

EAST ALAMEDA MINING CO.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: Walter Graham, Spokane, Wash.
Secretary: E. H. Pattison, Hutton Bldg., Spokane, Wash.
Treas.-Manager: Alexander Murphy, Wallace, Idaho.
Directors: Walter Graham, Spokane, Wash.; Sam Bowers, Alexander Murphy, and J. P. Markwell, all of Wallace, Idaho.

Lead-silver—1 patented and 3 unpatented claims on east side of Nine Mile at Black Bear, in Lalande Mining district; about $5,000 expended on development work; expect to extend Big Divide tunnel to the property this summer.—Alexander Murphy, May 1, 1916.

EAST CALEDONIA MINES COMPANY

Incorporated under laws of Idaho.
Principal place business: Wallace, Idaho.

Capital: $250,000. Shares 1,000,000. Par value 25c.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: Franklin Pfirman, Wallace, Idaho.
Manager: Rush J. White, Wallace, Idaho.
Superintendent: Fred Ruch, Kellogg, Idaho.
Directors: W. A. Bartee, Wm. I. Hall, of Kellogg, Idaho; W. H. Nichols, Butte, Mont.; Herman J. Rossi and Franklin Pfirman, of Wallace, Idaho.

Lead-silver—2 patented and 5 unpatented claims, in town of Wardner, in Yreka Mining district; shaft 415 feet deep; 3 tunnels aggregating 635 feet; drift-in and crosscutting from shaft totals 375 feet; electric power connection being made; machinery being installed, and active exploration to start at once.—Rush J. White, April 15, 1916.

EAST HERCULES EXTENSION MINING COMPANY

Incorporated under laws of Idaho.
Principal place of business: Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: J. B. Millspaugh, Spokane, Wash.
Sec.-Treas.: W. M. Macfarlan, 337 Rookery Bldg., Spokane, Wash.
Manager: W. H. Reeves, Burke, Idaho.
Directors: J. B. Millspaugh and W. H. Macfarlan, Spokane, Wash.; W. H. Reeves, Burke, Idaho.

Copper-lead-silver—8 unpatented claims about 3½ miles east of Burke in Lalande Mining district; 1 tunnel in 550 feet and another 175 feet; considerable open cut work; working two men.—W. H. Macfarlan, June 4, 1916.

EAST STANDARD MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Joseph Matt, Burke, Idaho.
Secretary: Joseph Whelan, Wallace, Idaho.
Treasurer: August Matt, Wallace, Idaho.
Manager: Joseph Matt, Burke, Idaho.
Directors: Joseph Matt, Burke, Idaho; Joseph Whelan and August Matt, Wallace, Idaho.

Lead-silver—4 patented claims west of Hecla on Canyon creek, in Lalande Mining district; 1500 feet of underground workings; doing work on small scale.—Jos. F. Whelan, June 1, 1916.

ECHO MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: O. A. Olin, Wallace, Idaho.
Sec.-Treas.: H. C. McAllister, Wallace, Idaho.
Manager: O. A. Olin, Wallace, Idaho.
Directors: O. A. Olin, H. C. McAllister, O. E. Anderson, all of Wallace, Idaho; Chris Anderson, of Burke, Idaho.

Lead-silver—8 unpatented claims on east side of Burke canyon just east of Burke, in Lalande Mining district.—H. C. McAllister, May 3, 1916.

EDNA MAY MINING COMPANY

Incorporated under laws of Idaho.
Principal place business: Wardner, Idaho.

Capital: $500,000. Shares: 500,000. Par value $1.
President: J. M. Scott, Wardner, Idaho.
Sec.-Treas.: D. W. Peeples, Kellogg, Idaho.
Manager: J. M. Scott, Wardner, Idaho.
Directors: J. M. Scott, R. P. Scott, Wardner, Idaho; Geo. Edmiston, Wallace, Idaho; Al Page, Spokane, Wash.; D. W. Peeples, Kellogg, Idaho.

Lead-silver—At head of Big creek which flows into St. Joe river; 8 miles southeast of Wardner in Yreka Mining district; now working 4 men driving crosscut; about 400 feet of underground workings. —D. W. Peeples May 25, 1916.

EGAN COPPER MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $125,000. Shares: 1,250,000. Par value 10c.
President: Roy A. Henkle, Wallace, Idaho.
Sec.-Treas.: L. L. Brainard, Wallace, Idaho.
Directors: Roy A. Henkle, L. L. Brainard, both of Wallace, Idaho; Thos. Egan, Frank E. Rice, Frank C. Blakely, all of Saltese, Mont.

Copper—Located near Adair, Idaho, in same belt as the Richmond and Monitor; about 1000 feet of

underground workings; work is to be continued.—June 3, 1916.

ELDORADO MINING & SMELTING COMPANY, LTD.

Principal place business: Wallace, Idaho.
Capital $125,000. Shares: 1,250,000. Par value 10c.
President: M. C. Williams, Conklin Park, Idaho.
Secretary: W. W. Bixby, Wallace, Idaho.
Treasurer: F. H. Quinn, Cataldo, Idaho.
Manager: M. A. Curran, Kellogg, Idaho.
Contractor: Q. Z. Slover, Kellogg, Idaho.
Directors: M. C. Williams, Conklin Park, Idaho; Chas. Bollinger, Wallace, Idaho; J. A. Patterson, Kellogg, Idaho; John Hamlin, Kellogg, Idaho.

Lead-silver—4 unpatented claims and 12 acres of patented ground, ¾ mile east of Kellogg, in Yreka Mining district; 8000 feet of underground workings; contractor now working on 50-foot tunnel contract. M. A. Curran, April 18, 1916.

ELK MINING COMPANY

Principal place business: Mullan, Idaho.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Joseph Carson, Mullan, Idaho.
Sec.-Treas: A. G. Kerns, Wallace, Idaho.
Manager: Jos. Carson, Mullan, Idaho.

Lead-silver—2 claims and 2 fractions north of Mullan adjoining the You Like claim belonging to the Federal; about 1000 feet of underground workings. Now working 2 men.—Jos. Carson, June 13, 1916.

EMPIRE COPPER COMPANY

Principal place business: Spokane, Wash.
Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Al Page, Wardner, Idaho.
Secretary: S. W. O'Brien, 319 Peyton Bldg., Spokane, Wash.
Treas.-Manager: A. J. Devlin, Wallace, Idaho.
Mine Supt.: Fred Engstrom, Wallace, Idaho.
Mill Supt.: D. W. Buckby, Wallace, Idaho.
Directors: Al Page, Wardner, Idaho; S. W. O'Brien, Spokane; A. J. Devlin, Wallace, Idaho; Geo. R. McDonald, Coulie City, Wash.

Copper property, carrying some gold and silver—Located on Little North Fork in unorganized district; 4 patented and 7 unpatented claims; mill will be turned over May 15, 1916; 100,000 tons of ore blocked out; 10,000 feet of surface outcrop; 55 men working at property during April, 1916.—A. J. Devlin, May 1, 1916.

EMPIRE MILLING & DEVELOPMENT COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: R. A. Hutchinson, Realty Bldg., Spokane, Wash.
Sec.-Treas.: Ida Scheave, Wallace, Idaho.
Manager: D. C. Nicholson, Wallace, Idaho.
Directors: R. A. Hutchinson, Spokane; C. E. Mallette, Spokane; D. C. Nicholson, Ida Scheave, Wallace, Idaho; Wm. S. Lewis, 709 Peyton Blk., Spokane, Wash.

Lead-silver—12 unpatented claims on Revenue gulch in Evolution Mining district; have done assessment work; 14 unpatented claims and 160 acres patented ground on Pine Creek, in Yreka Mining district; antimony prospect on 160 acres; not working now.—Ida Scheave, April 16, 1916.

ENTERPRISE MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Fred Donaldson, Kellogg, Idaho.
Sec.-Treas.: W. L. Penney, Kellogg, Idaho.
Manager: Fred Donaldson, Kellogg, Idaho.
Directors: Fred Donaldson, W. L. Penney, Gust Samuelson, Ole Larson, J. J. Wilson, all of Kellogg, Idaho.

Gold-silver-copper-lead — 6 unpatented claims about 3 miles east of Kellogg in Yreka Mining district; about 1500 feet of tunnel work; working 3 men crosscutting for ledge shown in upper workings; expect to make shipment of copper during summer. —W. L. Penney, May 25, 1916.

EUREKA MINING & MILLING CO., LTD.

Incorporated under the laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: W. D. Prowell, Wenatchee, Wash.
Sec.: A. D. Marshall, Wallace, Idaho.
Treasurer: C. A. Sterling, Wenatchee, Wash.
Manager: A. D. Marshall, Wallace, Idaho.
Directors: W. D. Prowell, C. A. Sterling, John F. Mooney, of Wenatchee, Wash.; C. B. Fry, Cashmere, Wash.; A. D. Marshall, Wallace, Idaho.

Lead-silver—7 unpatented claims on Nine Mile, 2 miles from Placer Center Mining district; 4500 feet of underground workings; not working at present.—A. D. Marshall, May 24, 1916.

EXCELSIOR MINING COMPANY

Incorporated under the laws of Idaho.

Principal place business: Burke, Idaho

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Thomas Ryan, Wallace, Idaho.
Secretary: Chas. Criswell, Burke, Idaho.
Treasurer: C. Fred Kratzer, Spokane, Wash.
Manager: Chas. Criswell, Burke, Idaho.
Directors: Charles Eckel, G. W. Guild, Chas. Criswell, of Burke, Idaho; Thomas Ryan, Wallace; C. Fred Kratzer, Spokane, Wash.

Silver-lead—6 unpatented claims about 3 miles east of Burke in Lalande Mining district; 1000 feet of tunnel work; working one shift.—Chas. Criswell, June 4, 1916.

FEDERAL MINING & SMELTING COMPANY

Organized under laws of Delaware.

Principal place of business: Wilmington, Delaware.
Capital: $30,000,000. Shares: 300,000. Par value $100.
President: F. H. Brownell, Stuart Bldg., Seattle, Wash.
Sec.-Treas.; Wm. J. Hall, 32 Broadway, New York.
Gen. Manager: Frederick Burbidge, Wallace, Idaho.
Superintendent: John F. Murphy, Murray, Idaho.
Idaho Managing Agent: E. Percy Smith, Hailey, Idaho.

The company owns the following properties:

Iron Mountain, Iron Mountain, Montana, consisting of 9 patented claims and 22 unpatented; now working 130 men; Thos. Jay, Superior, Mont., is mine superintendent, and E Eustace Dwyer, Superior, Mont., is the mill superintendent.

Morning, adjoining Mullan, Idaho, consisting of 37 patented claims and 22 unpatented claims; now working 410 men; Michael Murray is mine superintendent, and Oscar Erickson, mill superintendent, both of Mullan, Idaho.

Frisco, Gem, Idaho, consisting of 17 patented and 2 unpatented claims; mine and mill now working 180 men; Thos. Kelly, Gem, is mine superintendent, and Michael B. Dalton, of Wallace, mill superintendent.

Last Chance, Wardner Idaho, consisting of 39 patented claims; mine and mill now working 180 men; C. A. Fay, Wardner, Idaho, is mine superintendent, and Henry Thronason, Kellogg, Idaho, is mill superintendent.

The Company owns half of the stock in the Green Hill-Cleveland Mining Company.—Frederick Burbidge, June 7, 1916.

FIDELITY COMPANY, LTD.

Principal place business: Monarch, Idaho.

Capital: $500,000. Shares: 2,500,000. Par value 20c.
President: Oscar B. Bergstrom, 149 Broadway, New York.
Sec.-Treas.-Mngr.: A. G. Kennedy, Monarch, Idaho.

Company was organized to take over Coeur d'Alene North Fork M. & S. Co., Ltd., and Monarch Mining Co.

Coeur d'Alene North Fork M. & S. Co., Ltd., had lease on holdings of Monarch Mining Company and is in hands of A. G. Kennedy, receiver.—May 2, 1916.

FLORENCE MINING & MILLING CO., LTD.

Organized under the laws of the State of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: Charles Dallair, Kellogg, Idaho.
Sec.-Treas.: John B. Steffes, Kellogg, Idaho.
Manager: John B. Steffes, Kellogg, Idaho.

Directors: J. D. Chisholm, Wardner; James Ezekiel, John Morland, O. O. Hauberg, Thos. Lind, all of Kellogg, Idaho.

Lead-silver—10 unpatented claims on east Elk Creek about 2½ miles southeast of Kellogg in Yreka Mining district; about 700 feet of tunnel; running a lower tunnel, already in 120 feet; will resume operations in June.—John Steffes, May 25, 1916.

FLAGSTAFF MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: Joseph Thomas, Wallace, Idaho.
Sec.-Treas.: F. P. Candee, Wallace, Idaho.
Manager: Joseph Thomas, Wallace, Idaho.
Directors: F. P. Candee, Joseph Thomas, H. Thomas, O. B. Wallace, J. Matthews, all of Wallace, Idaho.

Lead-silver—4 unpatented claims at head of South Fork of Beaver Creek in Beaver Mining district: about 600 feet of tunnel; expect to do work in near future.—F. P. Candee, April 28, 1916.

FORMOSA LEAD MINING COMPANY, LTD.

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: E. H. Moffitt, Wallace, Idaho.
Secretary: Charles Hussey, Spokane, Wash.
Treasurer-Manager: E. H. Moffitt, Wallace, Idaho.
Directors: E. H. Moffitt, Wallace; Chas. Hussey, Wm. A. Corey, Spokane, Wash.
Idaho Managing Agent and Attorney in Fact: E. H. Moffitt, Wallace.

Lead-silver—3 patented claims about 1 mile below Gem in Burke canyon, in Lalande Mining district; 2000 feet of tunnels; shipped a few cars of ore; not working at present.—E. H. Moffitt.

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4 S GROUP

Owner: E. Heller estate.
Manager: Geo. H. Heller, Osburn, Idaho.

Gray copper-lead—2 unpatented claims and a mill site on Big Creek, adjoining the Yankee Boy in Yreka Mining district; 150 feet tunnel; considerable

open cuts and short tunnels; property now bonded. —Geo. H. Heller, May 8, 1916.

FOUR TIMBERS MINING COMPANY, THE

Organized under the laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: John Benson, Colfax, Wash.
Sec.-Treas.: S. E. Kilham, Colfax, Wash.
Manager: Wm. Shannon, Box 121, Wallace, Idaho.
Superintendent: Wm. Shannon, Box 121 Wallace, Idaho.
Directors: John Benson, Dr. G. A. Chapman, S. E. Kilham, Wm. Lippitt, all of Colfax, Wash.; Wm. Shannon, Wallace, Idaho.

Lead-zinc—5 unpatented claims adjoining the Ray Jefferson on the north, on Beaver and Carbon Creeks, in the Beaver Mining district; about 600 feet of tunnel work and considerable open cut exploration; now installing compressor and electric power; working 5 men driving lower tunnel.—Wm. Shannon, May 24, 1916.

FORTUNATE MINING COMPANY

Organized under the laws of the State of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Chas. Heim, Kingston, Idaho.
Sec.-Treas.: R. E. Seysler, Wallace, Idaho.
Manager: R. E. Seysler, Wallace, Idaho.
Directors: Chas. Heim, Frank Olsen, Andrew Kennie, all of Kingston, Idaho; R. E. Seysler, Wallace; Leonard Nisula, Enaville, Idaho.

Lead-silver—6 unpatented claims 8 miles north of Enaville, ½ mile from O. W. R. & N. railroad; in Yreka Mining district; about $12,000 spent on property; will start operations in a few weeks.—R. E. Seysler, May 16, 1916.

FRIEND MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares 1,500,000. Par value 10c.
President: C. M. Weller, Wallace, Idaho.

Sec.-Treas.: Wm. Schierding, 505-6 Jamison Bldg., Spokane, Wash.
Manager: Wm. Schierding, 505-6 Jamison Bldg., Spokane, Wash.
Directors: William Schierding, Spokane, Wash.; T. Havens, Jamison Bldg., Spokane, Wash.; David Bayth, c|o Spokesman-Review, Spokane, Wash.; C. M. Weller, George Baxter, Wallace, Idaho.

Galena property, in Beaver Mining district; 2 unpatented claims and 2-3 interest in another claim; electric power connection to be made by end of June; drifting on vein with showing of ore; 2 men worked all winter and will increase force at once; getting ready for installation of machinery.—Wm. Schierding, April 19, 1916.

FLYNN GROUP MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: John Hayes, Gem, Idaho.
Sec.-Treas.: Jos. F. Whelan, Wallace, Idaho.
Manager: J. J. Cronin, Wallace, Idaho.
Directors: John Hayes, Gem; Jos. F. Whelan, J. J. Cronin, B. W. Kern, all of Wallace; Timothy McCarthy, Lane, Idaho.

Lead-silver—1 patented claim; 1-4 interest in patented claim; 1-6 interest in patented claim and 15 unpatented claims; located in Lalande Mining district about half mile southeast of Black Bear; property explored by tunnels at shallow depth; main working tunnel now in over 500 feet; about 2500 feet of underground workings; work to be resumed within 60 days.—Jos. F. Whelan, April 17, 1916.

FRIDAY GROUP

(Known as the Golden Winnie)

Owner: Thos. Bunnell, Wallace, Idaho.
Manager: E. M. Smith, Murray, Idaho.

Gold-tungsten—5 unpatented claims 2 miles west of Murray on Prichard Creek in Summit Mining district; was worked for gold in early days; now being worked for tungsten and gold; 4 men working; operating small mill.—E. M. Smith, June 5, 1916.

GIANT LEDGE MINING COMPANY

Organized under laws of Washington.

Principal place of business: 705 Peyton Bldg., Spokane, Wash.
Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: John H. Taylor, Tekoa, Wash.
Sec.-Treas.: W. W. Johnston, 705 Peyton Bldg., Spokane, Wash.
Manager: Chas. G. Taylor, Murray, Idaho.
Directors: John H. Taylor, Tekoa, Wash.; James Erickson, W. W. Johnston, D. S. Prescott, A. B. Shelton, Walla Walla, Wash.

Lead-gold-copper—12 unpatented claims on Granite Creek about 3-4 mile to O. W. R. & N. railroad at Raven, Idaho, 4 miles from Murray; shaft 183 feet; now sinking another shaft 220 feet deep, already down 150 feet; now working three shifts; property fully equipped and water power plant installed; property formerly known as "Granite Allie." In early days was worked for gold and was equipped with stamp mill; work now being done under contract.—Chas. G. Taylor, June 6, 1916.

GIANT MINING & DEVELOPMENT CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Albert Rechsteiner, 332 Glison St., Portland, Oregon.
Sec.-Treas.: E. R. Turk, Wallace, Idaho.
Manager-Supt.: Paul Liever, Wallace, Idaho.
Directors: Nat Liter, Geo. Molacrida, E. R. Turk, Paul Liever, all of Wallace, Idaho; Albert Rechsteiner, Portland, Oregon.

Lead-silver—7 unpatented claims near Senator Clark's Sunset group, in Beaver Mining district; about 1600 feet of underground work; will resume work soon.—E. R. Turk, April 21, 1916.

GERTIE MINING COMPANY

Principal place of business: Hutton Bldg., Spokane, Wash.

Capital: $250,000. Shares: 2,500,000. Par value 10c.
President: L. W. Hutton, Hutton Bldg., Spokane, Wash.

Secretary: G. N. Crawford, Hutton Bldg., Spokane. Wash.
Treasurer: John Harvey, Eastern Trust Co. Bldg., Spokane, Wash.
Manager: A. A. Booth, 1206 8th ave., Spokane.
Superintendent: August Anderson, Burke, Idaho.
Directors: L. W. Hutton, John Harvey, Mrs. J. R. Travers, A. A. Booth, all of Spokane; one vacancy.

Lead-silver—3 patented claims east of Burke, Idaho; Hecla lays to south, east and west; 3 tunnels comprising 6000 feet of workings; now working 12 men.—A. A. Booth, April 23, 1916.

GOVERNMENT GULCH MINING & DEV. CO.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Frederick Burbidge, Wallace, Idaho.
Sec.-Treas.: D. R. Treat, Wallace, Idaho.
Manager: Frederick Burbidge, Wallace, Idaho.
Directors: Frederick Burbidge, D. R. Treat, E. L. Vanderwerken, Oscar Dull, all of Wallace; B. Flaig, Wardner, Idaho.

Lead-silver—Group of claims in Government gulch, in Yreka Mining district; assessment work being done.—D. R. Treat, May 3, 1916.

GOLD BACK COMPANY

Co-Partnership

Principal place business: Murray, Idaho.

Owners: John Docktar, John F. Murphy, Murray, Idaho; A. L. Scofield, Los Angeles, Cal.; Mrs. John Sheehy, Wallace, Idaho.

Gold-copper—3 unpatented claims about half mile east of Murray; 700 feet of tunnel; doing annual assessment work.—John F. Murphy, May 15, 1916.

GREAT EASTERN MINING CO., LTD.

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: John Carlson, Gem, Idaho.
Sec.-Treas.: John C. Furst, 1408 W. Nora Ave., Spokane, Wash.
Manager: John Carlson, Burke, Idaho.

Directors: John Carlson, Burke; John C. Furst, Spokane; Chas. A. Solberg, Wallace; Wm. Grosbusch, Iron Mountain, Mich.

Lead-silver—14 patented claims on east side of Burke canyon, at Black Bear; in Lalande Mining district: about 1000 feet of underground workings; not working at present, but expect to start work soon.—Peter Limacher, May 11, 1916.

GREAT WESTERN MINING CO., LTD.

Organized under laws of Idaho.

Principal place of business: Duluth, Minn.

Capital: $1,500,000. Shares 1,500,000. Par value $1.
Sec.-Treas.: A. W. Worley, Duluth, Minn.
Directors: Geo. W. Edmiston, Wallace, Idaho; A. W. Worley, W. P. Humbach, Jesse Norton, Robert Graham, Thos. F. Trevillion, Wm. Bowie, all of Duluth, Minn.

Lead-silver-copper—7 patented claims, 2½ miles east of Burke, on Canyon creek in Lalande Mining district; about 3000 feet of underground workings; not working now.—Geo. T. Edmiston, May 24, 1916.

Directors were recently elected and new officers have not yet been named.

GREEN HILL-CLEVELAND MINING COMPANY

Organized under the laws of Nevada.

Principal place business: Wallace, Idaho.

Transfer office: Wallace, Idaho.

Capital: $320,000. Shares: 320,000. Par value $1.
President: F. H. Brownell, Seattle, Wash.
Acting Sec.: Harry E. Allen, Wallace, Idaho.
Treasurer: Dana R. Treat, Wallace, Idaho.
Manager: Frederick Burbidge, Wallace, Idaho.
Mine Supt.: Dan Murphy, Mace, Idaho.
Mill Supt.: Al Blue, Wallace, Idaho.
Directors: F. H. Brownell, Seattle; W. R. Leonard, Denver, Colo.; C. L. Mathews, Spokane, Wash.; A. H. Featherstone, Wallace, Idaho.

Galena—Company has group of claims at Mace in the Burke canyon; mill is located in the same canyon at Wallace; half of stock is owned by the Federal and the balance is held by a few parties and is not in circulation; mine is one of the regular

dividend payers of the Coeur d'Alenes; now working 360 men at the mine and mill.—June 14, 1916.

GREEN MOUNTAIN MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $5,000. Shares: 500,000. Par value 1c.
President: C. L. Cowell, Missoula, Mont.
Sec.-Treas.: Edw. Pohlman, Empire State Bldg., Spokane, Wash.
Manager: W. Earl Greenough, Wallace, Idaho.
Directors: C. L. Cowell, Missoula; Edw. Pohlman, Spokane; W. Earl Greenough, Wallace; B. F. Plummer, Stevensville, Mont.
Idaho Managing Agent: W. Earl Greenough, Wallace, Idaho.

5 patented claims in Burke, adjoining Marsh mine, not working now; controlled by Marsh company.—W. Earl Greenough, April 26, 1916.

GUELPH MINING & MILLING CO., LTD.

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: B. Coyle, R. F. D. No. 2, Walla Walla, Wash .
Secretary: A. B. Corby, Kellogg, Idaho.
Treasurer: Mrs. Eliza H. Steffes, Kellogg, Idaho.
Manager: B. Coyle, Walla Walla, Wash.
Directors: B. Coyle, W. P. Recer, W. I. Joy, all of Walla Walla, Wash; John B. Steffes, W. C. Boyle, of Kellogg, Idaho; S. D. Lemieux, Black Bear, Idaho; T. J. Yarbrough, Spokane, Wash.

Lead-silver—5 claims and 4 fractions, patent applied for; north of Hercules and Ambergris, to the north and west of Burke in Lalande Mining district; about 2300 feet of tunnel, 1 shaft about 40 feet and 1 shaft 100 feet; will resume work on shaft during June.—John Steffes, May 25, 1916.

GOLDEN CHEST MINING COMPANY

Sole Owner: Vivian Green, Murray, Idaho.
Manager: Vivian Green, Murray, Idaho.
Mine Supt.: Dan Finlayson, Murray, Idaho.
Mill Supt.: Wm. Wiley, Murray, Idaho.

Metallurgist: Dr. R. R. Goodrich, Moscow, Idaho.

Gold-tungsten—42 patented claims and 10 unpatented in Summit Mining district one mile east of Murray, on Reeder Gulch; was big gold producer in early '80s; 13,000 feet of workings; working about 40 men. Chief value now scheelite; small tungsten shipments being made regularly.—Vivian Green, May 30, 1916.

GOLDEN WINNIE MINING CO.

(See Friday Group)

GOLD HUNTER MINING & SMELTING CO.

Incorporated under laws of Minnesota.

Principal place of business: 28th & Cottage Grove Ave., Chicago, Ill.

President: P. J. Hennessy, No. 6 W. Kinzie St., Chicago, Ill.

Secretary: E. C. Hennessy, No. 6 W. Kinzie St., Chicago, Ill.

Treasurer: Thos. F. Keeley, 28th & Cottage Grove Ave., Chicago, Ill.

Manager: Thos. M. Brennan, Mullan, Idaho.

Mine Supt.: Jos. Carson, Mullan, Idaho.

Mill Supt.: Chas. L. Herrick, Mullan, Idaho.

Directors: P. J. Hennessy, E. C. Hennessy, Thos. F. Keeley, Chicago; Dennis Ryan, St. Paul, Minn.; E. K. Brennan, St. Paul, Minn.

Lead-silver—11 patented claims adjoining Mullan, also 80 acre ranch adjoining Mullan on east; mine and mill working 180 men.—Thos. F. Brennan, May 17, 1916.

GENERAL EXPLORATION CO., THE

Organized under laws of Montana.

Principal place business: Missoula, Mont.

Recently incorporated by C. L. Cowell, A. L. Duncan and W. M. Bickford, all of Missoula, Mont., for the purpose of leasing part of Marsh and part of Federal holdings. Now understood that Marsh will not lease its holdings.—June 15, 1916.

HAYES COMPANY

Principal place of business: Kellogg, Idaho.

Capital: $25,000. Shares: 25,000. Par value $1.

Organized May 9, 1916, by Arthur Hayes, Martin Nicholson, and C. W. Simmons, of Kellogg, Idaho, for purpose of working over tailings and conducting general mining operations. Will work over Sierra Nevada dump.

HAPPY DAY MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares 1,000,000. Par value 10c.

President Daniel Morgan, Eagle Bldg., Spokane, Wash.

Secretary: E. Hedin, Wallace, Idaho.

Treasurer: Eugene R. Day, Wallace, Idaho.

Manager: E. Hedin, Wallace, Idaho.

Directors: Otto E. Dubach, E. Hedin, E. R. Day, Wallace Idaho John Dunphy, Burke; Daniel Morgan, Spokane, Wash.

Lead-silver—6 patented claims, just north of Burke and joining Hercules on east, in Lalande Mining district; extensively explored by tunnels and drifts; expect to start work soon.—F. Bland, Act. Sec., April. 29, 1916.

HARTFORD MINING CO.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: W. F. Goddard, Wallace, Idaho.

Sec.-Treas.: W. J. Fumerton, Wallace, Idaho.

Manager: J. J. Hennessy, Kellogg, Idaho.

Superintendent: J. J. Hennessy, Kellogg, Idaho.

Directors: W. F. Goddard, W. J. Fumerton, Jas. Fumerton, of Wallace; Wm. Schaefer, Kellogg;

Lead-silver—5 unpatented claims at mouth of Big Creek in Yreka Mining district; 1000 feet of tunnels; about 50 feet of shaft; now working 5 men sinking shaft.—Jas. Fumerton, April 25, 1916.

HECLA MINING COMPANY

Organized under laws of Washington.

Principal place business: Wallace, Idaho.

Transfer office: Security Transfer & Reg. Co., 66 Broadway, N. Y.
Capital: $250,000. Shares 1,000,000. Par value 25c.
President: James F. McCarthy, Wallace, Idaho.
Secretary: L. E. Hanley, Wallace, Idaho.
Treas.-Manager: James F. McCarthy, Wallace, Idaho.
Directors: Jas. F. McCarthy, Wallace; Dr. Hugo C. Lambach, W. J. C. Wakefield, Spokane, Wash.; Frank J. Kipp, Carl Landsee, Milwaukee, Wis.; Mrs. Sarah E. Smith, Chicago.
Idaho Managing Agent: Jas. F. McCarthy, Wallace. Idaho.

Lead-silver—27 patented and 2 unpatented claims at Burke in Lalande Mining district. Produced 1,648,594 tons of ore with a gross value of $13,630,-230.39, and has paid $3,755,000 in dividends. Now working 250 men in mill and mine.—L. E. Hanley, June 9, 1916.

HAMBURG-AMERICAN MINING CO.

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares 1,500,000. Par value $1.
President: Wm. Schaefer, Kellogg, Idaho.
Secretary. Frank P. Jones, Kellogg, Idaho.
Treasurer: W. W. Papesh, Kellogg, Idaho.
Manager: Wm. Schaefer, Kellogg, Idaho.
Directors: Wm. Schaefer, E. E. Brown, Fred Jacobs, W. W. Papesh, Herman Froelich, Fred Bell, Frank P. Jones, all of Kellogg, Idaho.

Copper—7 claims, patent applied for; located on the Little North Fork in Kootenai county, Idaho; considerable tunnel work has been done and operations are to be resumed shortly.—June 2, 1916.

HEADLIGHT MINING CO., LTD.

Principal place business: Wallace, Iaho.

Capital: $1,800,000. Shares: 1,800,000. Par value $1.
President: Frank P. Markwell, Wallace, Idaho.
Secretary: E. H. Pattison, Hutton Bldg., Spokane, Wash.

Treasurer: Oscar Nordquist, Wallace, Idaho.
Manager: Alexander Murphy, Wallace, Idaho.
Superintendent: Homer Reynolds, Black Bear, Idaho.
Directors: Frank P. Markwell, J. F. Markwell, Chas. Markwell, Alexander Murphy, Angus Sutherland, all of Wallace.

Lead-silver—8 patented claims on west side of Burke canyon just above Burke, adjoining Green Hill-Cleveland on southwest; about $150,000 has been spent on development work; not working at present, but expect to resume operations during summer.—Alexander Murphy, May 1, 1916.

HECTOR MINING COMPANY

Principal place business: Wallace, Iaho.
Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Arthur F. George, Wallace, Idaho.
Sec.-Treas.: E. H. Pattison, Hutton Bldg., Spokane, Wash.
Mgr.-Supt.: Arthur F. George, Wallace, Idaho.
Directors: Arthur F. George, H. H. Ross, Eugene Conard, John H. Norduist, all of Wallace; E. H. Pattison, Spokane; J. M. Pelham, North Yakima, Wash.; O. C. Maercklein, Dickerson, N. D.

Lead-silver—21 unpatented claims located about 3 miles east of Wallace on the Mullan road in the Hunter Mining district; about 5000 feet of underground workings; now working 5 men drifting on the vein.—Arthur F. George, May 4, 1916.

H. E. M. MINING COMPANY

Consolidated with the Aurora-Sampson and now known as Western Union Mining Co.

HELVETIA MINING CO., LTD.

Principal place business: Wallace, Iaho.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Paul Liever, Wallace, Idaho.
Sec.-Treas.: Thomas Nicholson, Wallace, Idaho.
Manager: Paul Liever, Wallace, Idaho.
Directors: George Malarida, Paul Liever, Thos. Nicholson, Ella Nicholson, Herman Bergman, Wallace, Idaho.
Idaho Managing Agent and Attorney in Fact: Thos. Nicholson, 150 King St., Wallace, Idaho.

Lead-silver-zinc—5 unpatented claims 3 miles up Placer creek on West Fork in Placer Center Mining district; 350 feet of tunnel; will start work on tunnel in June.—Thomas Nicholson, May 12, 1916.

HEMLOCK SILVER & LEAD MINING CO.

Organized under laws of Montana.

Principal place business: Saltese, Montana.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: W. J. Hughes, Saltese, Mont.
Secretary: Nels Knudson, Saltese, Mont.
Treasurer: Walter L. Murray, Saltese, Mont.
Manager: W. J. Hughes, Saltese, Mont.
Directors: W. J. Hughes, Walter L. Murray, Peter Peterson, Nels Knudson, of Saltese, Mont.; H. W. Lawrence, Colfax, Wash.

Silver-lead—3 unpatented claims on West Fork of Packer Creek, 1½ miles north of Saltese, Mont.; shaft 15 feet deep; 1000 feet of drift on vein; 500 feet of tunnel; now working 4 men sinking winze on ore shoot.—W. J. Hughes, May 28, 1916.

HENNESSY-BURNS MINING CO.

Principal place business: Wallace, Iaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: J. S. McInnes, Wallace, Idaho.
Sec.-Treas.: Jos. F. Whelan, Wallace, Idaho.
Manager: T. H. Whelan, Wallace, Idaho.
Directors: J. S. McInnes, Jos. F. Whelan, T. H. Whelan, all of Wallace.

Lead-silver—8 unpatented claims on Idaho-Montana divide, 7 miles east of Burke in Hunter Mining district; 1500 feet of development work done; operations are to be resumed May 1, 1916.—Jos. F. Whelan, April 17, 1916.

HERCULES MINING COMPANY

Co-Partnership.

Manager: E. R. Day, Wallace, Idaho.
Mine Supt.: Jas. J. Murphy, Wallace, Idhao.
Mill Supt.: Joseph Franz, Wallace, Idaho.
Owners: E. R. Day and H. L. Day, Wallace; Jerome J. Day, Moscow, Idaho; Eleanor D. Boyce, Portland, Ore.; F. M. Rothrock, L. W. Hutton, August

Paulsen, Spokane, Wash.; F. P. Markwell, C. A. Markwell, Mary Seawell Markwell, Effie Lobaugh Markwell, Elizabeth Smith Markwell, Emma Markwell Buchanan and Estate of D. Cardoner.

Galena property comprising extensive holdings to the north and west of Burke. Mill is located in Wallace. The Hercules was located in 1889, but the strike was not made until 1901.

See statement of output and profits for further particulars.

HIDDEN TREASURE MINING CO.

Principal place business: Wallace, Idaho.

Capital: $5,000.000. Shares 500,000. Par value $10.
President: Frederick Burbidge, Wallace, Idaho.
Sec.-Treas.: D. R. Treat, Wallace, Idaho.
Manager: Frederick Burbidge, Wallace, Idaho.
Directors: Frederick Burbidge, D. R. Treat, Oscar Dull, W. S. Bergland, A. H. Featherstone, of Wallace, Idaho; Chas. Hussey, Spokane, Wash.; F. H. Brownell, Stewart Bldg., Seattle.

Lead-silver—Group of claims on west side of Burke canyon in Lalande Mining district; one of the old properties; has been idle for several years; considerable work has been done; but is not working now.—D. R. Treat, May 3, 1916.

HIGHLAND SURPRISE MINING CO.

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,200,000. Shares: 1,200,000. Par value $1
President: W. W. Papesh, Kellogg, Idaho.
Sec.-Treas.: Chas. Weigand, Kellogg, Idaho.
Manager: Percy F. Rogers, Beeler, Idaho.
Directors: M. J. Sinclair, Wm. McDougal, C. W. Simmons, W. W. Papesh, and Geo. Lamielle, of Kellogg, Idaho; Chas. R. Mowery, Wallace; Al Page, Spokane, Wash.

Zinc-lead—3 patented claims, 19 unpatented, 9 miles up Pine creek; has shipped about 50 cars of ore, 1 car every 2 days; 45 men employed.—Chas. Weigand, June 2, 1916.

HILARITY MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Jake Lockman, Nampa, Idaho.
Sec.: E. H. Moffitt, Wallace, Idaho.
Treasurer: George Steward, Wallace, Idaho.
Mngr.-Supt.: J. M. Porter, Spokane, Wash.
Directors: Jake Lockman, Nampa, Idaho; E. H. Moffitt, Geo. Steward, of Wallace; Chas. Heim and Frank Olson, Kingston, Idaho.

Lead-silver-zinc—7 unpatented claims on East Fork of Pine Creek in Yreka Mining district; has about 700 feet of tunnel; now working small force. —Geo. Steward, May 3, 1916.

HORNSILVER MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: John F. Metz, Wallace, Idaho.
Sec.-Treas.: M. L. McNeil, Wallace, Idaho.
Mngr.-Supt.: John F. Metz, Wallace, Idaho.
Directors: John F. Metz, James Taylor, M. L. McNeil, Otto Freeman, Claus E. Anderson, of Wallace, Idaho.

Copper-silver-gold—2 unpatented claims on Placer creek just west of the Idaho-Nevada, about 2½ miles from Wallace; about 1100 feet of tunnel and a 60-foot shaft; now working small force on crosscut tunnel.—M. L. McNeil, May 2, 1916.

HORSESHOE MINING COMPANY

Principal place business: Mullan, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Lawrence Hollywood, Mullan, Idaho.
Sec.-Treas.: P. J. Scoles, Mullan, Idaho.
Manager: P. J. Scoles, Mullan, Idaho.
Directors: P. J. Scoles, J. B. Scoles, M. D. Needham, Lawrence Hollywood, John Gunning, all of Mullan, Idaho.

Lead-silver-copper—3 unpatented claims south of National mill, near Mullan, in Hunter Mining district; 1000 feet of underground workings.—J. B. Scoles, April 26, 1916.

HILL MINING & MILLING CO.

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $20,000. Shares: 1,000,000. Par value 2c.
President: Josiah Hill, Kellogg, Idaho.
Sec.-Treas.: R. T. Morgan, Kellogg, Idaho.
Directors: Josiah Hill, R. T. Morgan, John Carter, Kellogg, Idaho.

Silver-lead—2 unpatented claims on Slaughter House gulch, east of Wardner, in Yreka Mining district; now working 4 men on tunnel, work being done under contract.—R. T. Morgan, May 31, 1916.

HUGO GOLD & COPPER MINING CO.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: R. W. Seideman, Saltese, Mont.
Sec.-Treas.: A. G. Seideman, Saltese, Mont.
Mngr.: R. W. Seideman, Saltese, Mont.
Directors: R. W. Seideman, A. G. Seideman, Saltese, Mont.: A. G. Kerns, W. W. Woods, Wallace, Idaho.
Idaho Managing Agent and Attorney in Fact: A. G. Kerns, Wallace, Idaho.

Copper—2 patented and 2 unpatented claims in Saltese Mining district; about 800 feet of tunnel; no work being done at present.—A. G. Kerns, May 5, 1916.

HUMMING BIRD MINING COMPANY

Principal place business: Burke, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: H. L. Day, Wallace, Idaho.
Sec.-Treas.: F. M. Rothrock, Spokane, Wash.
Manager: H. L. Day, Wallace, Idaho.
Directors: Eugene R. Day, Harry L. Day, Wallace, Idaho; F. M. Rothrock, August Paulsen, L. W. Hutton, Spokane, Wash.

Galena—Property consists of 19 patented claims just north and west of Burke in Lalande Mining district; no work has been done for a number of years.—June 15, 1916.

HYPOTHEEK MINING & MILLING CO.

Principal place business: Wallace, Idaho.

Capital: $200,000. Shares: 2,000,000. Par value 10c.
President: W. W. Davidson, Moose Jaw, Saskatchewan, Canada.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: J. H. Kern, Moose Jaw, Sask., Canada.
Act. Mngr.: Otto A. Olsson, Wallace, Idaho.
Mine Supt.: F. L. Bergen, Kingston, Idaho.
Mill Supt.: Otto Abeling, Kingston, Idaho.
Directors: W. W. Davidson, J. H. Kern, Moose Jaw; J. H. Guenther, 1227 Frederick Ave., Spokane, Wash.; Otto A. Olsson, Wallace; J. S. Broadbent, Box 712, Moose Jaw, Sask., Canada.

Lead-silver—Company owns Sec. 13, Twp. 48 S. Range 1 E. B. M., in Yreka Mining district (same area as 32 claims); has shipped about 350 tons of ore; a mill is now being built which is to be completed in May; 46 men now working, building mill and installing equipment. Will start mining and milling at once.—Otto A. Olsson, May 2, 1916.

IDAHO COPPER MINING COMPANY

Organized under laws of Idaho.
Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Otto A. Olsson, Wallace, Idaho.
Secretary: John Orr, Wallace, Idaho.
Treasurer: A. H. Featherstone, Wallace, Idaho.
Manager: W. H. Herrick, Wallace, Idaho.
Directors: Otto A. Olsson, A. H. Featherstone, W. H. Herrick, of Wallace; Geo. F. Stoney, c|o Oregonian, Portland, Ore.

Copper—3 patented claims and 1 unpatented claim west of the Reindeer Queen on Willow Creek about 3 miles southeast of Mullan in Hunter Mining district; about 1000 feet of underground workings; company expects to begin work during June.—A. H. Featherstone, June 16, 1916.

IDAHO GIANT MINING COMPANY

Organized under laws of Washington.
Principal place business: Spokane, Wash.

Capital: $100,000. Shares: 1,000,000. Par value 10c.

President: Geo. H. Martin, Old National Bank Bldg., Spokane, Wash.
Sec.-Treas.: W. J. Beaton, 928 Old National Bank Bldg., Spokane, Wash.
Manager: Leo Greenough, Paulsen Bldg., Spokane, Wash.
Directors: Geo. H. Martin, W. J. Beaton, Old National Bank Bldg., Spokane, Wash; D. K. McDonald, Leo Greenough, Spokane; T. Holland, Spokane.

Lead-silver: 4 patented claims and fraction unpatented about half mile south of Gold Hunter; about 2000 feet of underground workings; property is now under bond, at 10c a share, and lease to company managed by Thos. M. Brennan, Mullan, Idaho.—W. J. Beaton, May 31, 1916.

IDAHO-LOS ANGELES MINING & MILLING CO.

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: John M. Flink, Wallace, Idaho.
Sec.-Treas.: Alfred J. Dunn, Wallace, Idaho.
Manager: John M. Flink, Wallace, Idaho.
Directors: John M. Flink, A. L. Dunn, H. E. Howes, Alex McDonald, all of Wallace; Hiram Leithead, Los Angeles, Cal.

Lead-silver-zinc—7 patented and 9 unpatented claims at the head of Nine Mile on Beaver Creek; 2000 feet of underground workings; company is now working 5 men drifting on vein.—A. L. Dunn, May 13, 1916.

IDAHO-MONTANA MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Walter H. Hanson, Wallace, Idaho.
Secretary: J. H. Wixom, Wallace, Idaho.
Treasurer: Harry Harris, Mullan, Idaho.
Manager: F. P. Miller, Burke, Idaho.
Directors: Walter H. Hanson, J. H. Wixom, Wallace, Idaho; E. H. McConnell, Harry Harris, Mullan; F. P. Miller, Burke, Idaho.

Copper-silver-lead—Company has 10 unpatented

claims 6 miles above Burke on Idaho-Montana line in Lalande Mining district; about 400 feet of tunnel and considerable open cut exploraton; will resume work this summer.—J. H. Wixom, April 27, 1916.

IDAHO, THE

Co-Partnership.

Principal place business: Kellogg, Idaho.

Owners: E. D. Booth, Kellogg; Chas. McKinnis, Wallace, Idaho.

Lead-silver—3 unpatented claims on east Pine Creek, to north and west of Nabob; company has done considerable exploration work; has easement to work through Nabob tunnel; no work being done at present.—E. D. Booth, June 2, 1916.

IMPERIAL MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: John H. Nordquist, Wallace, Idaho.
Sec.-Treas.: Homer G. Brown, Wallace, Idaho.
Manager: John H. Nordquist, Wallace, Idaho.
Directors: Jos. Thennes, Homer G. Brown, E. R. Day, Pat J. Gearon, John H. Nordquist, all of Wallace, Idaho.

Lead-silver—10 patented claims on east side of Burke canyon about 1½ miles from Burke in Lalande Mining district; about 6200 feet of drifts, crosscuts and shaft; now working 6 men.—John H. Nordquist, May 2, 1916.

IDAHO-NEVADA EXPLORATION CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Dr. L. E. Hanson, Wallace, Idaho.
Sec.-Treas.: E. R. Turk, Wallace, Idaho.
Manager: Peter J. Limacher, Wallace, Idaho.
Superintendent: Peter J. Limacher, Wallace, Idaho.
Directors: L. E. Hanson, Peter J. Limacher, Jos Girardi, Joseph Peila, Alex Livingston, all of Wallace, Idaho.

Copper—3 claims unpatented, and a millsite; in

Placer Center Mining district, about 2½ miles up Placer creek from Wallace; about 1000 feet of underground workings; company now working small force and will rush development this spring and summer.—E. R. Turk, April 21, 1916.

IDAHO STANDARD MINES COMPANY

Organized under laws of Washington.

Principal place business: Spokane, Wash.

Capital: $50,000. Shares: 1,000,000. Par value 5c.

Organized to develop group of claims on Nine Mile. Now working under management of A. D. Marshall, of Wallace.

Incorporators: J. T. Omo, F. L. Spangler, Spokane; A. D. Marshall, Wallace, Idaho.—June 7, 1916.

IDORA MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares 1,500,000. Par value 10c.

President: James C. Broad, Jamison Bldg., Spokane, Wash.

Sec.-Treas.: C. E. Mallette, Jamison Bldg., Spokane, Wash.

Manager: C. E. Mallette, Jamison, Bldg., Spokane, Wash.

Superintendent: E. L. Latta, Wallace, Idaho.

Mill Supt.: Jas. Conners, Wallace, Idaho.

Directors: J. B. Carson, Spokane; James C. Broad, Spokane; C. E. Mallette, Spokane.

Silver-zinc—Company has 1 patented and 5 full claims and a fraction unpatented; 4500 feet underground workings on Sunset peak, west side; ore is shipped from Idora spur on North Fork, O.-W. R. & N. branch; about 1000 tons of ore has been shipped. 21 men now working; will start shipping again in about 30 days.—E. L. Latta, April 19, 1916.

INDEPENDENCE LEAD MINES COMPANY OF WARDNER

Organized under the laws of Idaho.

Principal place business: Kellogg, Idaho.

P. J. Gearon, of Wallace; M. P. Curran, of Mullan; D. E. Keys, of Mullan; George McKinnis, Kellogg,

and A. P. McRae, of Mullan, have recently taken over the property and made arrangements for speedy development. George McKinnis will be manager and secretary.

Lead-silver—9 claims and some fractions located at Wardner on Slaughter House gulch near the East Caledonia in Yreka Mining district; shaft 65 feet deep and 300 foot tunnel; new company will install machinery at once. Now working 6 men doing preliminary work.—M. P. Curran, June 16, 1916.

INDEPENDENCE-LEAD-MINES CO.

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: M. W. Bacon, 726 Old National Bank Bldg., Spokane, Wash.
Sec.-Treas.: W. E. Cullen, Hyde Blk., Spokane, Wash.
Manager: M. W. Bacon, 726 Old National Bank Bldg., Spokane, Wash.
Superintendent: C. Fred O. Merriam, Wallace, Idaho.
Directors: W. E. Cullen, Hyde Blk., Spokane; R. A. Carnochan and M. W. Bacon, 725 Old National Bank Bldg., Spokane, Wash.; John H. Wourms, Wallace, Idaho.

Lead-silver—10 patented claims on Mill Creek one mile north of Mullan in Hunter Mining district; about one mile of underground workings, now working 10 men crosscutting and drifting on vein.—M. W. Bacon, June 12, 1916.

INDPENDENT COPPER MINING & MILLING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: John H. Nordquist, Wallace, Idaho.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: John H. Nordquist, Wallace, Idaho.
Directors: John H. Nordquist, Chas. McKinnis, J. N. Thennes, August Matt, all of Wallace; Jas. A. Bean, Henry Billberg, Forest Clark, Mullan, Idaho.

Copper-lead—3 patented claims between Missoula Copper and the National, above Mullan in Hunter

Mining district; about 1300 feet tunnels; now working under contract drifting on vein. Ed Johnson and R. A. Jefford, Mullan, contractors.—Otto A. Olsson, May 2, 1916.

INDEPENDENT DEVELOPMENT CO.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: G. L. Richardson, Wallace, Idaho.
Sec.-Treas.: W. A. Smith, Wallace, Idaho.
Manager: W. H. Teel, Los Angeles, Cal.
Directors: G. L. Richardson, W. A. Smith, Jas. A. Wayne, Wallace; W. H. Teel, Los Angeles; Meade Sharp, Wallace, Idaho.
Not working any property.

INDEX MINING & MILLING COMPANY

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
V. President: H. T. Gilbert, Kellogg, Idaho.
Sec.-Treas.: W. E. Gilbert, Kellogg, Idaho.
Manager: H. T. Gilbert, Kellogg, Idaho.
Directors: Roscoe L. Oaks, San Francisco; Christ Jensen, 33 W. Granite, Butte, Mont.; H. T. Gilbert, W. E. Gilbert and Thos. Gilbert, Kellogg, Idaho.

Lead-silver—6 patented claims on Cook gulch, about 1½ miles from Kellogg; about 1400 feet of tunnel; contractor is now working 5 men on crosscut tunnel.—W. H. Nicholls, May 2, 1916.

INTERNATIONAL MINES LIMITED

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,500,000: Shares: 1,500,000. Par value $1.
President: Jas. White, Burke, Idaho.
Sec.-Treas.: A. H. Featherstone, Wallace, Idaho.
Manager: E. L. Hale, Wallace, Idaho.
Directors: Jas. White, John Clark, Burke; W. R. Miller, A. H. Featherstone, E. L. Hale, Wallace.

Lead-silver—8 patented and 8 unpatented claims northeast of Burke, adjoining Oom Paul, in Lalande Mining district; about $25,000 spent on development

work; company expects to resume work in June.—A. H. Featherstone, May 17, 1916.

INTERMOUNTAIN COPPER MINING CO.

Principal place business: Wallace, Idaho.

Capital: $2,000,000. Shares: 2,000,000. Par value $1.
President: Oscar Nordquist, Iron Mountain, Mont.
Secretary: A. L. Nicholson, Wallace, Idaho.
Treasurer: Harold Childs, Kellogg, Idaho.
Manager-Mine Supt.-Mill Supt.: Oscar Nordquist, Iron Mountain, Mont.
Directors: Oscar Nordquist, Iron Mountain, Mont.; Harold Childs, Kellogg; W. G. Griffith, Edward Evans, E. V. Lambert, Spokane, Wash.

Copper—6 patented claims and 8 unpatented; property located 10½ miles south of Iron Mountain; railroad connection with N. P. Ry.; full equipped mine and mill; has more than 1 mile of underground workings; property is now shipping ore, and working about 30 men.—A. L. Nicholson, May 4, 1916.

IRON KING MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: A. P. Reinhardt, Wallace, Idaho.
Directors: Herman J. Rossi, Abe Wyman, Otto A. Olsson, A. P. Reinhardt, E. B. Reitzel, all of Wallace, Idaho.

Lead-silver—4 unpatented claims about 3½ miles west of Wallace between Coeur d'Alene Vulcan and the H. E. M. in Evolution Mining district; 1560 feet of crosscuts, drifts, raises and winzes; company expects to resume operations soon.—Otto A. Olsson, May 2, 1916.

IRON SPAR COPPER MINING COMPANY

Incorporated under laws of Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Wesley Everett, Wallace, Idaho.
Secretary: G. W. Dougherty, Wallace, Idaho.
Treasurer: A. L. Honaker, Wallace, Idaho.

Manager: A. L. Honaker, Wallace, Idaho.
Directors: A. G. Kerns, V. P.; A. L. Nicholson, A. L. Honaker; G. W Dougherty, Wesley Everett, all of Wallace, Idaho.

Copper-silver-lead—4 unpatented claims about half mile south of Sildex, Mont.; 3 claims in Mineral County, Mont.; 1 claim in Idaho; in East Coeur d'Alene Mining district; has about 700 feet of tunnel work; company now driving tunnel to crosscut vein, work being done under contract.—A. L. Honaker, June 5, 1916.

INTERNATIONAL MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: W. C. Arnold, Dubuc, Saskatchewan, Canada.
Sec.-Treas.: W. T. Simons, Kellogg, Idaho.
Manager: Fred C. May, Beeler, Idaho.
Directors: W. C. Arnold, Dubuc, Sask.; D. W. Price, W. T. Simons, Kellogg, Idaho.; W. F. Robertson, Rolett, N. D.

Lead-silver-zinc—8 unpatented claims on west fork of Pine Creek about 2½ miles above Beeler, in Yreka Mining district; about 600 feet of underground workings; a small force employed at present.—W. T. Simons, June 2, 1916.

IVANHOE MINING COMPANY

Principal place business: Mullan, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Jas. A. Bean, Mullan, Idaho.
Secretary: C. D. Miller, Mullan, Idaho.
Treasurer: C. D. Miller, Mullan, Idaho.
Manager: Jas. A. Bean, Mullan, Idaho.
Directors: Jas. A. Bean, Sam C. Bean, John Foss, Mullan, John Nordquist, J. D. Brock, Wallace, Idaho.

Silver-lead—2 miles west of Mullan in Hunter Mining district; property has been worked for past 12 years; company recently sold treasury stock for further development, and work will be rushed at once.—J. D. Brock, April 16, 1916.

JACK WAITE EXTENSION CO., THE

Organized under laws of Idaho.
Principal place business: Murray, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Charles Melroy, Murray, Idaho.
Sec.-Treas.: J. T. Ellarson, Murray, Idaho.
Manager: J. T. Ellarson, Murray, Idaho.
Directors: Chas. Melroy, J. T. Ellarson, Murray, Idaho; L. W. Shakshesky, Jefferson, Wis.; Theo. Bedard, Thompson, Mont.; George Schnelmann, White Pine, Mont.

Lead-silver: 52 unpatented claims located to the east of the Jack Waite in Eagle Mining district; Mostly in Mineral county, Mont.; about 800 feet of work done; now working seven men driving crosscut for ledge.—June 5, 1916.

JACK WAITE MINING COMPANY, LTD.

Principal place business: Union, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Robert Sheffels, Govan, Wash.
Sec.-Treas.: W. T. Ahrens, Union, Idaho.
Manager: W. T. Ahrens, Union, Idaho.
Superintendent: W. T. Ahrens, Union, Idaho.
Directors: Robert Sheffels, Govan, Wash.; Fritz Marchante, Spokane; J. P. Schroeder, Wilson Creek, Wash.; Henry Treede, Fairfield, Wash.; E. Winsby, Oakland, Cal.; E. E. Chamberlain, Spokane; J. C. Feehan, Murray, Idaho.

Lead-silver—3 claims and 2 fractions, patented; on Tributary Creek, a branch of Eagle Creek, in Eagle Mining district; about 4470 feet of tunnels and crosscuts; 465 feet of raise; about 1000 tons of ore have been shipped; now working 12 men.—W. T. Ahrens, April 27, 1916.

KELLOGG GALENA MINING COMPANY

Organized under laws of Idaho.

Principal place business: Spokane, Wash.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: C. C. McEachran, 1328 Old National Bank Bldg., Spokane, Wash.
Sec.-Treas.: J. A. Schultess, Old National Bank Bldg., Spokane, Wash.

Manager: J. A. McCoy, Old National Bank Bldg., Spokane, Wash.
Superintendent: Geo. B. Dean, Kellogg, Idaho.
Directors: J. A. McEachran, C. C. McEachran, Adolph J. Schultess, of Spokane, Wash.; Geo. B. Dean, J. A. McCoy, Kellogg.

Lead-silver—80 acres of patented ground below Sweeney mill, half mile off O. W. R. & N. railroad; 3 unpatented claims adjoining deeded ground; has 500 feet of tunnel; now working 4 men sinking winze; 7 claims unpatented on Elk creek about 2¼ miles west of Kellogg, in Yreka Mining district: about 250 feet of tunnel; 4 men now driving tunnel. —Geo. B. Dean, June 2, 1916.

KELLOGG-SUNNYSIDE MINING COMPANY

Organized under laws of Idaho.

Principal place business: Spokane, Wash.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Geo. H. Wilson.
Sec.-Treas.: J. A. McEachran.
Directors: J. A. McEachran, S. A. McCoy, Geo. H. Wilson, of Spokane; Bert Swartz, Jacob Thorpe, Kellogg, Idaho.

Zinc-lead—Group of unpatented claims adjoining Lambardy, about 1½ mile north of Kellogg; preparing to start operations.

KILL BUCK MINING COMPANY, LTD.

Principal place business: Butte, Montana.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: J. L. Templeman, Butte, Mont.
Secretary: Cyrus W. Gossert, Wallace, Idaho.
Treasurer: W. D. Mangam, Butte, Mont.
Mngr.-Supt.: Cyrus W. Gossert, Wallace, Idaho.
Directors: J. L. Templeman, W. D. Mangam, Butte, Mont.; John D. Ryan, New York; Herman J. Rossi, Wallace, Idaho.

Lead-silver—6 patented claims 2 miles southwest of Wallace in Evolution Mining district on Lake Creek ,about 2000 feet of underground work; company working 10 men; about $80,000 gross receipts has been received from shipments.—C. D. Gossert, April 27, 1916.

KING OF PINE CREEK MINING CO., LTD.

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: James H. Otto, Beeler, Idaho.
Secretary: Ed. C. Young, Wallace, Idaho.
Treasurer: Morton Webster, Wallace, Idaho.
Manager: Ed. C. Young, Wallace, Idaho.
Directors: C. A. Solberg, Ed. C. Young, Morton Webster, of Wallace, James H. Otto, Beeler, Idaho.

Lead-silver-zinc—6 unpatented claims on Pine Creek about 4 miles from O. W. R. & N. railroad; in Yreka Mining district; 320 feet of tunnel, about 200 feet of other underground workings; not working.—Ed. C. Young, May 25, 1916.

LAST CHANCE COPPER MINING COMPANY

Organized under laws of Montana.

Principal place of business: Saltese, Mont.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Geo. Champagne, Wallace, Idaho.
Sec.-Treas.: Sterrett Napton, Missoula, Mont.
Manager: Geo. Champagne, Wallace, Idaho.
Directors: Judge W. J. Napton, Missoula, Mont.; Geo. Champagne, Wallace, Idaho; Sterrett Napton, Missoula, Mont.

Lead-silver—2 patented and 4 unpatented claims 3 miles north of Saltese, Mont., adjoining the Ben Hur group; company has shipped $200,000 high grade silver-lead ore; has been idle for some time but will resume operations shortly.—Peter Peterson, May 29, 1916.

LEAD KING MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Geo. W. Wood, Spokane, Wash.
Sec.-Treas.: E. W. Conrad, Eagle Blk., Spokane, Wash.
Manager: E. W. Conrad, Eagle Blk., Spokane, Wash.
Directors: Geo. W. Wood, E. W. Conrad, Spokane, Wash.

Gray copper-lead—15 unpatented claims on Mc-

Farren gulch near Osburn in Evolution Mining district; about 2000 feet of underground workings; now installing compressor and other equipment; has shipped one car of ore.—W. H. Herrick, May 10, 1916.

LANSING SILVER-LEAD MINING COMPANY, THE

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $250,000. Shares: 1,000,000. Par value 25c.
Incorporators: Emma Stansfield, R. M. Lewis, A. H. Featherstone, Jonathan Hoal, and Frank L. Spangler.

Articles were filed on June 11, 1916. The company will develop the Albion group on Nine Mile.

LACLEDE MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: C. Fred Kratzer, 706 W. Euclid Ave., Spokane, Wash.
Sec.-Treas.: Jas. A. Wayne, Wallace, Idaho.
Manager: E. A. Gneadinger, Wallace, Idaho.
Superintendent: Chas. Lief, Wallace, Idaho.
Directors: C. Fred Kratzer, Spokane; E. H. Knight, Box 941, Spokane; Jas. A. Wayne, O. W. Lewis, Wm. Wier, Wallace, Idaho.

Lead-silver—9 patented claims between Hercules and Tamarack-Custer, in Lalande Mining district; 5500 feet of underground workings; working 7 men drifting on vein on 300 level.—O. W. Lewis, April 19, 1916.

LEWIS AND CLARK MINING COMPANY

Principal place of business: Mullan, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Wm. Grismer, Mullan, Idaho.
Sec.-Treas.: J. R. Bean, Mullan, Idaho.
Mngr.-Supt.: Wm. Grismer, Mullan, Idaho.
Directors: Abe Hutton, John B. Grismer, Dr. J. R. Bean, Wm. Grismer, of Mullan, Idaho; Dr. L. B. Manchester, Wenatchee, Wash.

Copper.—2 patented claims and 6 unpatented,

about 2½ miles east of Snowstorm, and 1 mile west of Silver Cable; about 500 feet of underground workings; will start work soon.—Dr. J. R. Bean, May 17, 1916.

LEAD CRYSTAL MINING COMPANY

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: John E. Steen, Salem, Oregon.
Sec.-Treas.: Geo. S. Lesher, Kellogg, Idaho.
Directors: Otis Fisher, Murray, Idaho; John E. Steen, Salem, Oregon; Mrs. Fred Merriam, Wallace, Idaho; Dr. Geo. S. Lesher, Kellogg, Idaho; W. W. Bixby, Wallace, Idaho.

Lead-silver—Company owns 12 claims 7 miles up Eagle Creek from Union, located in Eagle Mining district; considerable development work has been done; property now under option.—G. S. Lesher, June 16, 1916.

LESLIE COPPER & GOLD MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Wesley Everett, Wallace, Idaho.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Wesley Everett, Wallace, Idaho.
Directors: A. Wyman, Wesley Everett, Herman J. Rossi, of Wallace, O. E. Peppard, Missoula.

Copper-silver-lead—7 unpatented claims in St. Regis Mining district on Montana side; about $75,000 expended on property; claims adjoin the Amazon-Dixie.—Herman J. Rossi, May 9, 1916.

LIBERAL KING GROUP

Co-Partnership

Principal place business: Kellogg, Idaho.

Manager: Leslie Lamb, Kellogg, Idaho.
Owners: Leslie Lamb, E. D. Booth, Kellogg, Idaho; Magnus Cheyne, Beeler, Idaho; W. P. Swinerton, Wardner, Idaho.

Zinc-silver-lead-copper—5 claims, 3 fractions and a millsite, all unpatented; located immediately east

of Beeler, main tunnel is in 500 feet, 300 feet showing ore; company expects to resume operations soon. —E. D. Booth, June 2, 1916.

LITTLE NORTH FORK COPPER M. & M. CO.

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: T. R. Mason, Kellogg, Idaho.
Secretary: J. E. Jones, Kellogg, Idaho.
Treasurer: J. W. Locke, Kellogg, Idaho.
Manager: T. R. Mason, Kellogg, Idaho.
Directors: T. R. Mason, Kellogg; Jake Kaldenbaugh, Wardner; J. W. Locke, Archie McDonald, Kellogg.

Copper—10 unpatented claims, located on Little North Fork in Kootenai County, Idaho, in an unorganized mining district; 2200 feet of tunnel work; not working now.—T. R. Mason, June 2, 1916.

LIBERTY GROUP

Co-Partnership

Owners: Ed Godfred, Mel Werkheiser, Peter Peterson, Herman J. Rossi, Wesley Everett, Herman Wickert, R. A. Greer, Chas. Bollinger, Frank Wagner, all of Wallace, Idaho.

Copper—8 unpatented claims near the Amazon-Dixie, about a half mile from Sildex, Mont., in East Coeur d'Alene Mining district; about 900 feet of tunnel; not working now.—Mel Werkheiser, May 23, 1916.

LIQUIDATOR MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: Wm. Neindorf, Briggs House, Chicago, Ill.
Sec.-Treas.: L. E. Hanley, Wallace, Idaho.
Manager: L. E. Hanley, Wallace, Idaho.
Directors: Wm. Neindorf, Chicago; Thos M. Sullivan, 103 Randolph St., Chicago; O. D. Jones, L. E. Hanley, Wallace, Idaho.
Idaho Managing Agent and Attorney in Fact: L. E. Hanley, Wallace, Idaho.

Lead-silver—13 claims patent applied for; located

on summit between Burke and Mullan, part in Hunter and part in Lalande Mining districts.—L. E. Hanley, April 17, 1916.

LITTLE BUTTE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Mack Cyr, Burke, Idaho.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Mack Cyr, Burke, Idaho.
Directors: Mack Cyr, Mrs. M. J. Maher, Burke; John Dunphy, Burke; Herman J. Rossi, Wallace.

Lead-silver—28 unpatented claims about 2 miles east of Burke in Lalande Mining district: about $22,000 expended on property; no work being done now.—Herman J. Rossi, April 25, 1916.

LISTON MINING COMPANY, LTD.

Organized under laws of Washington.

Principal place business: 323-324 Lindelle Blk., Spokane, Wash.
Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Matt Baumgartner, Spokane, Wash.
Secretary: Dan Krehbiel, Lind, Wash.
Treasurer: Sam Crow, Spokane, Wash.
Manager: Matt Baumgartner, Spokane, Wash.
Directors: Matt Baumgartner, John Gray, Sam Crow, Spokane; Dan Krehbiel, Lind, Wash.; John Krehbiel, Lind, Wash.; Wm. Van Vactor, Goldendale, Wash.; H. W. Wells, Portland, Ore.

Lead-silver-zinc—7 patented and 19 unpatented claims located on Big Creek, in Evolution Mining district; about 3000 feet of tunnel, company now advertising for bids for 200 foot contract.—Dan Krehbiel, June 7, 1916.

LOMBARDY MINING COMPANY

Principal place business: Kellogg, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Peter Albinola, Kellogg, Idaho.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Peter Albinola, Kellogg, Idaho.
Directors: Peter Albinola, Kellogg; Herman J. Rossi,

J. W. Wimer, Wm. Fishinger, of Wallace, Idaho; Albert Albinola, Sunset, Idaho.

Lead-silver-zinc-iron—15 unpatented claims about 1 mile from Kellogg; about $55,000 has been expended on development; 8 men now working; company will equip property at once with modern machinery. —Herman J. Rossi, April 25, 1916.

LONE PINE AND IDAHO CLAIMS

Co-Partnership

Owners: A. L. Sorenson, Wallace; Jas. Murphy, Kellogg, Idaho.

Zinc—2 unpatented claims on west fork of Pine creek about 4 miles above the Douglas mine; some exploration work has been done on claims; trail to property will be built this summer—A. L. Sorenson, May 29, 1916.

LOOKOUT MOUNTAIN MINING & MILLING CO.

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
Organizers: W. L. Penny, Wm. A. Boro, Wm. T. Roach, R. L. Brainard, Frank Barr.

Lead—7 unpatented claims on Pine Creek north of Little Pittsburg, in Yreka Mining district; about 300 feet of tunnel; assay returns from grass roots shows 56 per cent lead and 98 oz. silver. Development work will start at once.—W. L. Penny, May 16, 1916.

LUCKY BOY MINING CO.

Organized under laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: N. D. Needham, Mullan, Idaho.
Secretary: H. G. Loop, Mullan, Idaho.
Treasurer: Margarite Carruthers, Wallace, Idaho.
Manager: N. D. Needham, Mullan, Idaho.
Directors: N. D. Needham, F. O. Morrison, P. J. Scoles, H. G. Loop, of Mullan, Margarite Carruthers, Wallace, Idaho.

Lead-silver—5 unpatented claims, about 2 miles

east of Mullan in Hunter Mining district; will develop property through Silver Star tunnel.—H. G. Loop, May 17, 1916.

LUCKY CALUMET COPPER MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: John H. Nordquist, Wallace, Idaho.
Secretary: Otto A. Olsson, Wallace, Idaho.
Treasurer: Otto A. Olsson, Wallace, Idaho.
Manager: John H. Nordquist, Wallace, Idaho.
Superintendent: Henning Bergquist, Mullan, Idaho.
Directors: John H. Nordquist, Otto A. Olsson, Chas. A. Solberg, of Wallace; Thos. M. Brennan, Mullan; Allen J. Olson, Missoula, Mont.

Copper—11 patented claims between National and Snowshoe, in Hunter Mining District, about 3½ miles east of Mullan; about 8000 feet of tunnels; now working 6 men, driving crosscut.—Otto A. Olsson, May 2, 1916.

LUCKY FRIDAY MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Franklin Pfirman, Wallace, Idaho.
Sec.-Treas.: James A. Wayne, Wallace, Idaho.
Manager: J. H. Wade, Mullan, Idaho.
Directors: J. H. Wade, Mullan, Frances M. Pfirman, Alice W. Wayne, Jas. A. Wayne, Franklin Pfirman, Wallace, Idaho.

Lead-silver—4 unpatented claims and millsite about 1 mile east of Mullan, close to National mill, in Hunter Mining district; about $20,000 expended on development; company expects to start operations soon.—Franklin Pfirman, May 5, 1916.

LUCKY STONE MINING COMPANY

Principal place of business: 404 Empire State Bldg., Spokane, Wash.
Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: F. A. Chase, 307 Empire State Bldg., Spokane, Wash.
Sec.-Treas.: Geo. H. Walter, 404 Empire State Bldg., Spokane, Wash.

Manager: F. A. Chase, 307 Empire State Bldg., Spokane, Wash.
Superintendent: W. H. Seid, Wallace, Idaho.
Directors: F. A. Chase, Spokane; Mrs. Ollie Cushing, E. 808 31st St., Spokane; Dr. Peter Reid, Empire State Bldg., Spokane; Geo. H. Walters, Spokane; J. F. McGuire, Perry Sound, Ontario.

Copper-silver—5 unpatented claims near Osburn; about 350 feet of underground workings; now working 2 men driving crosscut; company will increase force soon.—F. A. Chase, April 26, 1916.

LUCKY SWEDE GOLD & COPPER MINING CO.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Morris Pearson, Falcon, Idaho.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: Harry Pearson, Falcon, Idaho.
Directors: Morris Pearson, Harry Pearson, Falcon, Idaho; Otto A. Olsson, Dr. L. E. Hanson, Wallace; H. E. Riegel, St. Paul, Minn.

Gold-copper—14 unpatented claims in St. Joe Mining district, adjoining Bullion holdings; has 450 feet of tunnel; now working 3 men driving crosscut to tap vein at lower level.—Otto A. Olsson, May 2, 1916.

LUCKY JIM MINING COMPANY

Principal place business: Spokane, Washington.

Capital: $1,500,000. Shares: $1,500,000. Par value $1.
President: C. M. Johnson, Wallace, Idaho.
Sec.-Treas.: W. W. Bixby, Wallace, Idaho.
Manager: C. M. Johnson, Wallace, Idaho.
Directors: C. M. Johnson, James Kaufman, Geo. Champagne, P. J. Gearon, Wallace, Idaho; C. L. Dawson, Los Angeles, Cal.

Lead-silver—3 patented claims between the Rex and Dobson gulch, and joins Patuxent on west; has about 700 feet of tunnel, shaft 50 feet deep; other exploration work has been done; company expects to resume operations soon.—C. M. Johnson, April 27, 1916.

LYNN & IDAHO MINING CO., LTD.

Organized under laws of Idaho.

Principal place business: Burke, Idaho.

Capital: $1,500,000. Shares: $1,500,000. Par value $1.
President: John J. Finley, Burke, Idaho.
Sec.-Treas.: Hugh Toole, Wallace, Idaho.
Manager: John J. Finley, Burke, Idaho.
Directors: John J. Finley, Jack Finley, Bessie Finley, Burke; Hugh Toole, Wallace; Dr. Wm. Sellers, Spokane, Wash.

Lead-silver—6 unpatented claims at head of Humboldt gulch about 3 miles northeast of Burke, in Lalande Mining district; 150 feet of tunnel and considerable open cuts; company will resume operations during summer.—Hugh Toole, May 12, 1916.

LOG CABIN MINING CO.

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: S. H. Linn, Wallace, Idaho.
Sec.: Walter H. Hanson, Wallace, Idaho.
Treasurer: S. H. Linn, Wallace, Idaho.
Manager: Andy Linn, Wallace, Idaho.
Directors: W. H. Hanson, S. H. Linn, Andy Linn, of Wallace; John W. Flink, Wallace, O. H. Linn, Corralitas, Cal.

Lead-silver—11 claims, surveyed for patent, on Nine Mile about 3 miles from Wallace, Placer Center Mining district; 900 feet underground workings; now working small force of men driving crosscut for vein. —Walter H. Hanson, May 31, 1916.

LE ROY MINING COMPANY

Capital: $1,000,000. Shares: 1,000.000. Par value $1.
Principal place business: Wallace, Idaho.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: C. E. Clarke, Wallace, Idaho.
Manager: C. E. Clarke, Wallace, Idaho.
Directors: H. J. Rossi, C. E. Clarke, G. F. Damm, Wm. Fishinger, Chas. Bollinger, all of Wallace.

Copper-gold—6 unpatented claims at Adair, Idaho, on Milwaukee railway; about 1000 feet of tunnels

and drifts, doing assessment work.—C. E. Clarke, May 3, 1916.

LEGAL TENDER MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 150,000. Par value $1.
President: vacant.
Sec.-Treas.: A. H. Featherstone, Wallace, Idaho.
Manager: Geo. H. Heller, Osburn, Idaho.
Directors: Robert Mangler, Los Angeles, Cal.; Geo. H. Heller, Osburn, Idaho; J. W. Hutchins, Mullan, Idaho.

Gold-copper—17 unpatented claims and 120 acres patented ground, 2 miles west of Osburn, on O.-W. R. & N. railroad; 900 feet of tunnel on ledge; shaft 100 feet deep; equipped with $30,000 worth of machinery; company will start to sink to 300 level on August 1st.—Geo. H. Heller, May 8, 1916.

MAGIC COPPER MINING COMPANY

Organized under laws of Idaho.
Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Joseph Turner, Wallace, Idaho.
Sec.-Treas.: Dan Haydon, Wallace, Idaho.
Manager: Joseph Turner, Wallace, Idaho.
Directors: Joseph Turner, Dan Haydon, Wm. Fahle, Harry Turner, James H. Taylor, of Wallace, Idaho.

Copper—4 patented claims on Steven's peak about 3½ miles south and west of Mullan in Hunter Mining district; formerly known as Champion Copper company; about 700 feet of underground workings. Company will start work by middle of June, running drift on vein.—Joseph Turner, May 23, 1916.

MAINE STANDARD MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Alexander Murphy, Wallace, Idaho.
Sec.-Treas.: E. H. Pattison, Hutton Bldg., Spokane, Wash.
Manager-Supt.: Alexander Murphy, Wallace, Idaho.
Directors: Alexander Murphy, Wallace; E. H. Pattison, Spokane; some vacancies.

Silver-lead—5 unpatented claims on Moon Creek above Charles Dickens claim in Yreka Mining district; about $13,000 has been expended on development. A small force is now working on lead.—Alexander Murphy, May 1, 1916.

MAJESTIC MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: James Dunne, Burke, Idaho.
Sec.-Treas.: Therrett Towles, Wallace, Idaho.
Manager: James Dunne, Burke, Idaho.
Directors: James Dunne, Burke; Therrett Towles, Thos. McCabe, John R. Rogers, of Wallace; J. L. Courtright, No. Yakima, Wash.; Michael Schorn, N. Yakima, Was.; Chas. Labes, sr., Lind, Wash.
Idaho Managing Agent and Attorney in Fact: Therrett Towles, Wallace, Idaho.

Lead-silver—13 patented claims north and east of Burke, about 1½ miles; in Lalande and Summit Mining districts; property has about 1500 feet of tunnels, drifts and shaft. The company will resume operations about May 15.—Therrett Towles, April 26, 1916.

MAMMOTH MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $125,000. Shares: 1,250,000. Par value 10c.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: George Austin, Wallace, Idaho.
Manager: George Austin, Wallace, Idaho.
Directors: Gilbert J. Heyfron, Missoula, Mont.; George Austin, A. H. Featherstone, H. J. Rossi, W. A. Smith, A. Wyman, Dr. C. R. Mowery, of Wallace, Idaho.

Lead-silver—3 claims, patent applied for, 4 unpatented claims, located 25 miles east of Missoula, Montana; Bonita, Mont., 7 miles from property, is the nearest railroad; 300 feet of underground workings; company will start operations at once. Property has shipped about 140 tons of ore to East Helena smelter.—Geo. Austin, April 18, 1916.

MARSH MINING COMPANY

Principal place business: Empire State Bldg, Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: M. W. Lee, Duluth, Minn.
Secretary: Joseph McCarthy, Spokane, Wash.
Treasurer: W. T. Smith, Duluth, Minn.
General Supt.: W. Earl Greenough, Wallace, Idaho.

Directors: M. W. Lee, W. T. Smith, Duluth, Minn.; Edward Pohlman, Spokane, Wash.; Joseph McCarthy, Spokane, Wash.; W. Earl Greenough, Wallace, Idaho.

Trustees to manage property: M. W. Lee, Edward Pohlman and W. Earl Greenough.

Lead-silver—8 patented claims southwest of Burke adjoining the town; in Lalande Mining district; net smelter returns from ore, $509,000. Annual meeting held on June 13 and 14 at which time new officers were elected and it was decided to start pumps at once to unwater mine. Property has been shut down for several weeks on account of water. —June 15, 1916.

MAY FLOWER MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $50,000. Shares: 1,000,000. Par value 5c.
President: G. Scott Anderson, Wallace, Idaho.
Sec.-Treas.: W. W. Smith, Wallace, Idaho.
Manager: G. Scott Anderson, Wallace, Idaho.
Superintendent: C. K. Moffett, Wallace, Idaho.

Directors: G. Scott Anderson, Irving Anderson, D. N. Haydon, W. W. Smith, Wallace, Idaho; W. B. Hervey, 910 Kingsington, Los Angeles, Cal.

Idaho Managing Agent: G. Scott Anderson, 513 Bank St., Wallace, Idaho.

Lead-silver—1 patented claim, 1 patent applied for, and 1 unpatented claim on Nine Mile, in Placer Center Mining district; over 5000 feet of underground workings; now working 2 men.—W. W. Smith, April 20, 1916.

MIDWAY-SUMMIT MINING & MILLING CO.

Principal place business: Chamber of Commerce Bldg., Spokane, Wash.
Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: W. D. Scott, 419 Chamber of Commerce Bldg., Spokane, Wash.
Sec.-Treas.: W W. Waltman, 419 Chamber of Commerce Bldg., Spokane, Wash.
Mngr.-Supt.: George Herron, Chatcolet, Idaho.
Directors: W. D. Scott and W. W. Waltman, Spokane, Wash.; O. F. Olson, Coeur d'Alene, Idaho; T. F. Logan, sheriff's office, Spokane; George Herron, Chatcolet, Idaho.

Lead-silver—11 claims, patent applied for, on Miller's gulch between Hecla and Morning mines; 3500 feet southeast from railroad at Mace; 6000 feet of tunnel; 3 men working; company will increase force soon.—George Herron, April 17, 1916.

MILITARY MINING & MILLING CO., LTD.

Principal place business: Burke, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Fred L. Bergen, Wallace, Idaho.
Secretary: L. H. Harp, Wallace, Idaho.
Directors: A. Swan, Tom Roy, Fred Bergen, Gibb Machan, of Burke, Idaho; Herman Rogell, Spokane, Geo. Renkert, Route 4, Spokane, Wash.; L. H. Hays, Wallace, Idaho.

Copper—Located about 3 miles north and east of Mullan, near the Missoula Copper and National, in Hunter Mining district; considerable exploration work has been done.

MIDNIGHT GROUP

Co-Partnership.

Principal place business: Mullan, Idaho.

Owners: Forest Clarke, E. J. Clarke, Wm. P. Flood, M. J. McHugh, all of Mullan, Idaho.

Lead-silver—2 patented claims between the Morning and Ulike, near Mullan, in Hunter Mining district; 2400 feet of tunnel; two Morning tunnels pass through this ground. Company expects to ship ore this summer.—Wm. P. Flood, May 9, 1916.

MINERAL POINT MINING COMPANY

Organized under the laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,200,000. Shares: 1,200,000. Par value $1.
President: S. V. Osborne, Osborne, Idaho.
Sec.-Treas.: Paul Leuschel, Wallace, Idaho.
Manager: S. V. Osborne, Osborne, Idaho.
Directors: S. V. Osborne, Osborne; Paul Leuschel, Glen McDonald, Jas. F. McCarthy, Wallace, Idaho.

Grey copper—1 patented and 7 unpatented claims located ¾ of a mile south of Osborne in the Evolution Mining district; more than 3000 feet of underground workings; property has produced silver, iron and copper ore to the amount of $100,000; has not shipped since 1900; expect to get work started again this summer.—S. V. Osborne, June 14, 1916.

MISSOULA COPPER MINING COMPANY

Principal place business: Mullan, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Henry Billberg, Mullan, Idaho.
Sec.-Treas. J. R. Bean, Mullan, Idaho.
Manager: R. J. McLeod, Mullan, Idaho.
Directors: Henry Billberg, R. J. McLeod, Larry Dooling, Thos. M. Brennan, Mullan, Idaho; H. E. Chaney, Missoula, Mont.; C. A. Barnes, Missoula; J. A. Zittel, Spokane, Wash.

Copper—9 claims and a fraction, patent proceedings pending; property adjoins National, about 3 miles north of Mullan in Hunter Mining district; about $200,000 has been expended on development work; company will resume operations during summer.—Henry Billberg, May 16, 1916.

MONARCH MINING COMPANY, LTD.

Principal place business: Monarch, Idaho.

Capital: $1,000,000. Shares: 100,000. Par value $10.
President: vacant.
V. Pres.: Oscar B. Bergstrom, 149 Broadway, New York.
Secretary: John J. Stevens, San Antonio, Texas.
Manager: A. G. Kennedy, Monarch, Idaho.
Directors: Controlled by Otto Koehler estate, San

Antonio, Texas; C. T. Priest is manager of estate; Oscar B. Bergstrom directs affairs of company.

Idaho Managing Agent and Attorney in Fact: Allan G. Kennedy, Monarch, Idaho.

Lead-silver—5 patented and 31 unpatented claims; in Summit Mining district, 5 miles east of Murray on O. W. R. & N. railway; 15,000 feet of underground workings; property has shipped ore, net smelter returns $170,000. Property was shut down in December, 1915, but will resume operations shortly; has good 150-ton mill, run by own water power. Expect to ship ore again soon.—A. G. Kennedy, April 16, 1916.

MONITOR CONSOLIDATED COPPER MINING CO.

Organized under laws of Washington.

Principal place business: Spokane, Wash.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Otis Hill, Adair, Idaho.

Secretary: W. J. Kirby, Paulsen Bldg., Spokane, Wash.

(Deal now being consummated whereby property will pass to Montana-Idaho Copper Co.—Publisher).

Copper—10 patented claims on Idaho-Montana line, near Adair, Idaho, on Milwaukee railroad. Property shipped ore worth $73,000 before 1910. (See Motnana-Idaho Copper company).

MONTANA-IDAHO COPPER CO.

Organized under laws of Idaho.

Principal place business: 907 Paulsen Bldg., Spokane, Wash.

Capital: $600,000. Shares: 6000. Par value $100.00.

President: H. F. DeBower, c|o Blackstone Institute, Chicago, Ill.

Secretary: W. J. Kirby, 907 Paulsen Bldg., Spokane, Wash.

Manager: Otis Hill, Spokane, Wash.

Treasurer: John L. Dirks, Rookery Bldg., Spokane, Wash.

Directors: H. F. DeBower, Spokane, D. K. McDonald, Paulsen Bldg., Spokane; Chas. M. Hansen, Fairbanks, Morse & Co., Spokane; Otis Hill, Spokane. Wash.

Copper-gold—10 patented claims, the Monitor group, and 9 unpatented claims at Adair, Idaho; on the Milwaukee railway. Monitor produced $73,000 according to smelter returns. The plant was destroyed by fire in 1910; low level tunnel will be run from Adair station to open Monitor at greater depth.—W. J. Kirby, May 23, 1916.

MOON CREEK MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: H. F. Troub, Winona, Wash.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: W. J. Bailey, Burke, Idaho.
Directors: L. N. Peck, H. F. Troub, Winona, Wash.; Julius P. Hall, Otto A. Olsson, Wallace, Idaho; W. J. Bailey, Burke, Idaho.

Silver-lead—Located on Moon Creek in Evolution Mining district; about 1510 feet of tunnel and shaft; not working.—Otto A. Olsson, May 2, 1916.

MOONLIGHT MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Eugene R. Day, Wallace, Idaho.
Sec.-Treas.: E. Hedin, Wallace, Idaho.
Contractor: Chris Anderson, Burke, Idaho.
Directors: E. R. Day, J. J. Murphy, E. Hedin, of Wallace, Idaho; W. C. Robinson and Alexander McBean, Duluth, Minn.
Idaho Managing Agent and Attorney in Fact: Jas. J. Murphy, Burke, Idaho.

Silver-lead—9 unpatented claims on west side of Burke canyon in Lalande Mining district; now drifting on lead; 4000 feet of tunnel and between 700 and 800 feet of drift; now working at depth of 1200 feet; 6 men employed.—F. Bland, April 29, 1916.

MOTHER LODE GROUP

Owner: John F. Murphy, Murray, Idaho.

Gold—1 patented claim and 9 unpatented claims; 6000 feet of tunnels; property has produced about

$3,000,000 in gold; 10 stamp mill on property; now doing assessment work.—John F. Murphy, May 15, 1916.

MOUNTAIN ROSE MINING COMPANY

Principal place business: Kellogg, Idaho.

Capital: $500,000. Shares: 1,000,000. Par value 50c.
President: W. Knudson, Kellogg, Idaho.
Sec.-Treas.: A. O. Larson, Kellogg, Idaho.
Manager: W. Knudson, Kellogg, Idaho.
Directors: W. Knudson, Ed Colleck, August Larsen, Chris Dahlberg, Peter Groven, Angus Alarsen, Kellogg, Idaho.

Lead-silver: 5 unpatented claims 2 miles from Kellogg in Yreka Mining district; 100 feet of tunnel and shaft; small force now doing development work. —A. O. Larson, May 16, 1916.

MURRAY HILL MINING COMPANY

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: C. E. Mallette, 604 Jamison Bldg., Spokane, Wash.
Secretary: W. L. Tenney, 604 Jamison Bldg., Spokane, Wash.
V. Pres.-Mngr.: J. C. Feehan, Murray, Idaho.
Mine Supt.: Henry Connolly, Murray, Idaho.
Mill Supt.: Andy Benson, Murray, Idaho.
Directors: C. E. Mallette, Spokane; J. C. Broad, Jamison Bldg., Spokane; Jas. A. Wayne, Wallace; J. C. Feehan, Murray, Idaho.

Lead-silver-zinc—9 unpatented claims 5½ miles east of Murray on Paragon gulch in Summit Mining district; about 2000 feet of underground workings; present owners shipped 3 cars of concentrates; property was formerly known as "Black Horse company," which shipped about 20 cars of concentrates; now working 16 men and making shipments regularly.—J. C. Feehan, May 12, 1916.

MULLAN MINING COMPANY

Organized under laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $50,000. Shares: 1,000,000. Par value 5c.
President: Wm. Anderson, Mullan, Idaho.
Sec.-Treas.: H. B. Cook, Mullan, Idaho.
Manager: C. M. Baillie, Mullan, Idaho.
Directors: Wm. Anderson, Chris Spreen, H. B. Cook, Mullan, Idaho; C. M. Baillie, National Boarding House, Mullan; Jos. Thennis, Wallace, Idaho.

Lead-silver—2 patented and 1 unpatented claim at head of Deadman Gulch in Hunter Mining district; 1000 feet of tunnel; 1000 feet of drifting; 60 foot crosscut and 80 foot winze; now working small force.—H. B. Cook, June 6, 1916.

MINERAL FARM MINING COMPANY

Organized under laws of Idaho.

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: L. C. Jaquish, 602 Paulsen Bldg., Spokane, Wash.
Sec.-Treas.: C. D. Miller, Mullan, Idaho.
Manager: L. C. Jaquish, Spokane, Wash.
Directors: L. C. Jaquish, Dr. Wm. Sellers, J. H. Pellitier, John Kammerer, and J. H. Grenier, all of Spokane, Wash.

Lead-silver—8 patented claims and 1 unpatented claim, adjoining Morning on west, in Hunter district; about 4000 feet of underground workings; now working 3 men.—C. D. Miller, May 17, 1916.

NATIONAL COPPER MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $2,500,000. Shares 2,500,000. Par value $1.
President: August Paulsen, Paulsen Bldg., Spokane, Wash.
Sec.-Treas.: Chas. McKinnis, Wallace, Idaho.
Manager: Jas. F. McCarthy, Wallace, Idaho.
Mill Supt.: C. L. Hewitt, Mullan, Idaho.
Mine Supt.: I. B. Kenty, Mullan, Idaho.
Directors: August Paulsen, Spokane; Henry White,

Jas. F. McCarthy, Wallace, Idaho; A. P. McRae, Mullan, Idaho; H. H. Stambaugh, R. C. Steese, Youngstown, Ohio.

Idaho Managing Agent and Attorney in Fact: Chas. McKinnis, Wallace, Idaho.

Copper—Property consists of 10 claims and 2 millsites above Mullan in Hunter Mining district; Making shipments of ore regularly; working from 90 to 100 men in mine and mill.—June 8, 1916.

NABOB MINING COMPANY

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: D. W. Price, Kellogg, Idaho.
Sec.-Treas.: Harvey M. Ross, Kellogg, Idaho.
Manager: D. W. Price, Kellogg, Idaho.
Superintendent: H. C. Barnett, Kellogg, Idaho.
Directors: W. Y. Clarke, E. J. Lippert, Spokane; H. M. Ross and D. W. Price, Kellogg, Idaho.

Lead-silver-zinc—3 patented and 18 unpatented claims adjoining the Little Pittsburg on Pine Creek, in the Yreka Mining district; about 3 miles of underground workings; working 10 men taking out ore and making regular shipments to Northport smelter.—D. W. Price, May 3, 1016.

NATIONAL LEAD MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: P. J. Gearon, Wallace, Idaho.
Sec.-Treas.: Ida Scheave, Wallace, Idaho.
Manager: P. J. Gearon, Wallace, Idaho.
Directors: P. J. Gearon, Wm. Scheave, Ida Scheave, Thos. Jay, all of Wallace; Paul Lucia, Mullan, Idaho.

Lead-silver—7 unpatented claims about half way between Wallace and Mullan, in Hunter Mining district; property has been keeping up annual assessment work.—Ida Scheave, April 24, 1916.

NELLIE MINING & MILLING COMPANY

Principal place business: Spokane, Washington.

Capital: $60,000. Shares 600,000. Par value 10c
Manager: A. H. Barnes, Tacoma, Wash.

Directors: O. E. Cushing, C. E. Benedict, K. B. Skibeners, B. P. Smith, F. B. Costello, Frank Cushing, all of Spokane, Wash.

Gray copper—2 patented claims located on Rosebud gulch, about 1½ miles northwest of Osburn in Evolution Mining district; about 2000 tons of ore shipped before 1893. The property is owned by John A. Alger, Osburn, Idaho; A. P. Horton, O. R. Young, Wallace, Idaho; Nellie Mining Company worked property under lease during past year.—May 3, 1916.

NEVADA-STEWART MINING COMPANY

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Dr. C. R. Mowery, Wallace, Idaho.
Sec.-Treas.: H. M. Huemann, Wallace, Idaho.
Manager: M. J. Sinclair, Kellogg, Idaho.
Directors: A. J. Devlin, Chas. R. Mowery, Herbert Mowery, H. M. Huemann, of Wallace; M. J. Sinclair, Kellogg, Idaho.

Lead-silver-zinc—8 unpatented claims on east fork of Pine Creek in Yreka Mining district; about 1000 feet of underground workings. Bert N. Barnett now working under contract advancing crosscut; working 5 men.—H. M. Huemann, April 28, 1916.

NEW CHICAGO MINING & MILLING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: J. W. Hutchins, Mullan, Idaho.
Secretary: Geo. H. Heller, Box 22, Osburn, Idaho.
Treasurer: Walter H. Hanson, Wallace, Idaho.
Manager: Geo. H. Heller, Osburn, Idaho.
Directors: Dr. L. E. Hanson, Walter H. Hanson, Wallace, Idaho; Frank Heller, Iron Mountain, Mont.; J. W. Hutchins, Mullan; Geo. H. Heller, Osburn, Idaho.

Copper—2 unpatented claims and a millsite on North fork of Coeur d'Alene river; 1½ miles above Prichard station on O. W. R. & N. railway; 360 foot crosscut; shaft down 50 feet: 150 feet of drifting; now working small force drifting on vein.—Geo. H. Heller, May 8, 1916.

NEW HOPE MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $50,000. Shares: 1,000,000. Par value 5c.
President: Eugene Thomas, Osburn, Idaho.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: Eugene Thomas, Osburn, Idaho.
Directors: Eugene Thomas, Osburn, Idaho; Chas. A. Solberg, O. A. Olin, E. F. Gentry, Otto A. Olsson, of Wallace, Idaho.

Lead-silver—8 unpatented claims on Two Mile creek near Osburn in Evolution Mining district; about 1400 feet of underground workings; now working small force drifting on vein.—Otto A. Olsson, May 2, 1916.

NINE MILE MINING COMPANY

Principal place business, Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Ole H. Linn, Wallace, Idaho.
Sec.-Treas.: A. G. Kerns, Wallace, Idaho.
Manager-Supt.: John W. Flink, Wallace, Idaho.
Directors: Ole H. Linn, W. W. Woods, A. G. Kerns, Sam H. Linn, all of Wallace, Idaho.

Lead-silver—5 patented claims west of Success on east side of Nine Mile canyon in Placer Center Mining district; about 4000 feet of underground workings; company will resume operations about June 1, 1916.—A. G. Kerns, May 3, 1916.

NIPSIC MINING COMPANY

Principal place business: 1119 Paulsen Bldg., Spokane, Wash.
Capital: $1,500,000. Shares: 1,500,000. Par value $1.
Sec.-Treas.: R. D. Miller, Columbia Bldg., Spokane, Wash.

Property has been sold to Consolidated Interstate-Callahan.

Lead-silver—7 patented claims north of Interstate-Callahan in Beaver and Placer Center Mining districts; about 4000 feet of underground workings; shipped ore years ago, but not working at present.

NONPARIEL COPPER MINING COMPANY

Principal place business, Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: H. C. McAllister, Wallace, Idaho.
Sec.-Treas.: H. G. Loop, Mullan, Idaho.
Manager: J. J. Hennessy, c|o Crest hotel, Spokane, Wash.
Directors: Jas. A. Wayne, A. C. Blue, H. C. McAllister, of Wallace, Idaho; H. G. Loop, Mullan; J. J. Hennessy, Spokane.

Copper—3 claims and a fraction, patented, on west side of Willow creek in what is known as Stevens Peak Copper belt, in Hunter Mining district; about 400 feet of underground workings. Company will resume work in immediate future.—H. C. McAllister, April 26, 1916.

NORTH AMERICAN MINING & MILLING CO., LTD.

Principal place business, Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
Pesident: John J. Presley, Wallace, Idaho.
Sec.-Treas.: L. B. Whitten, Sidney Hotel, Spokane, Wash.
Manager: John J. Presley, Wallace, Idaho.
Directors: John J. Presley, Wallace, Idaho; B. L. Knudson, Benton, Oregon; Alvin Smith, Spokane; J. Frank Watson, Portland, Ore.; L. B. Whitten, Spokane.

Silver-lead—25 patented claims on Big Creek in Evolution and Yreka Mining districts; about $65,000 expended on property. Company expects to work during the summer.—John J. Presley, May 31, 1916.

NORTH BUNKER HILL MINING CO., LTD.

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Elmer Brown, Kellogg, Idaho.
Secretary: N. T. Hardy, Kellogg, Idaho.
Treasurer: D. W. Price, Kellogg, Idaho.
Manager: Chas. Rice, Kellogg, Idaho.

Directors: Elmer Brown, A. W. Van Gilder, N. T. Hardy, D. W. Price, Lloyd Drais, Chas. Rice, all of Kellogg; J. L. Trowbridge, Spokane.

Silver-lead—3 patented claims between Caledonia and East Caledonia, in town of Wardner, in Yreka Mining district; about $30,000 expended on work; drifting on vein with 4 men employed. Well equipped.—N. T. Hardy, May 31, 1916.

NORTHERN LIGHT MINING & MILLING CO.

Principal place business, Wallace, Idaho.

Capital: $75,000. Shares: 1,500,000. Par value 5c.
President: C. A. Bloomquist, City Treas., Minneapolis, Minn.
Secretary: Benj. E. Harmon, St. Paul, Minn.
Treasurer: Tom H. McGrath, St. Paul, Minn.
Superintendent: Benj. G. Harmon, Kellogg, Idaho.
Directors: C. A. Bloomquist, Minneapolis; Fred W. Sachse, c|o Foot-Schultz Shoe Co., St. Paul; Benj. E. Harmon, Tom J. McGrath, St. Paul, Minn.; Jas. F. Howarth, Wallace, Idaho.

Lead-zinc—1 unpatented claim; company has an option on several other claims on Pine Creek in Yreka Mining district; shaft now being sunk to 400 level, now down over 300 feet; vein is explored by tunnel and opened on 60 and 140 level; 9 men now working.—April 15, 1916.

NORTH FRANKLIN MINING COMPANY

Principal place business, Wallace, Idaho.

Capital: $5,000,000. Shares 1,000,000. Par value $5.
President: H. H. Hanson, Butte, Mont.
V. Pres.: Norman Ebbley, Wallace, Idaho.
Sec.-Treas.: Gary C. Burke, Kellogg, Idaho.
Manager: Norman Ebbley, Wallace, Idaho.
Directors: Norman Ebbley, Wallace, Idaho; Gary C. Burke, Kellogg; Thos. McGowan, Spokane, Wash.; H. H. Hansen, E. L. Chapman, Butte, Mont.

Lead-silver—7 patented claims, adjoin the Morning on north near Mullan, in Hunter Mining district; has about 3000 feet of underground workings; company expects to resume operations about June 1st, 1916.—Norman Ebbley, April 28, 1916.

NORTH IDAHO MINING COMPANY

Organized under laws of Washington.

Principal place business: Spokane, Washington.

Capital: $1,500,00. Shares: 1,500,000. Par value: $1.
President: C. M. Johnson, Wallace, Idaho.
Secretary: W. W. Bixby, Wallace, Idaho.
Treasurer: P. J. Gearon, Wallace, Idaho.
Manager-Resident Agent: C. M. Johnson, Wallace, Idaho.
Directors: C. M. Johnson, Geo. Champagne, P. J. Gearon, of Wallace; C. L. Dawson, 136 N. Aita Ave., Huntington Park, Cal.

Lead-silver-zinc—3 patented claims on west side of Nine Mile at head of Dobson gulch, in Beaver Mining district; about 900 feet of underground workings; property joins the Patuxent and Rex; company will start work soon.—C. M. Johnson, May 17, 1916.

NORTH STAR MINING & DEVELOPMENT CO.

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Chas. D. Ammon, David City, Nebr.
Sec.-Treas.: W. K. Burnett, Wallace, Idaho.
Asst. Sec.-Treas.: G. W. Dougherty, Wallace, Idaho.
Manager: D. E. Wherry, Wallace, Idaho.
Directors: Chas. D. Ammon, David City, Nebr.; W. K. Burnett, G. W. Dougherty, D. W. Sunderlin, D. E. Wherry, all of Wallace, Idaho.

Lead-silver-zinc—5 unpatented claims on Nine Mile near Black Cloud mill in Placer Center Mining district; about 1100 feet of underground workings; 6 men now working sinking shaft.—G. W. Dougherty, April 27, 1916.

OMAHA GROUP

August Paulsen Spokane, Wash., Owner

Property consists of a group of claims on the east side of Canyon creek a short distance south of Burke; adjoining Hecla on south. Extensive exploration work is being done. Group comprises about four claims.—June 1, 1916.

ONTARIO MINING COMPANY

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $25,000. Shares: 25,000. Par value $1.
President: Myron A. Folsom, 1117 Paulsen Bldg., Spokane, Wash.
Sec.-Treas.: Stanly A. Easton, Kellogg, Idaho.
Manager: Stanly A. Easton, Kellogg, Idaho.
Directors: Myron A. Folsom, Spokane, Wash.; Stanly A. Easton, Martin Nicholson, Kellogg, Idaho.

Lead-silver—Property is located in Government gulch, in Yreka Mining district.—Stanly A. Easton, June 2, 1916.

OLD VETERAN MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: M. J. Farrell, Burke, Idaho.
Sec.-Treas.: L. L. Brainard, Wallace, Idaho.
Manager: M. J. Farrell, Burke, Idaho.
Superintendent: A. L. Williams, Burke, Idaho.
Directors: Allen G. Kennedy, Monarch, Idaho; Ed. Ehrenberg, Wallace and c/o Palmerston Hotel, Spokane; B. J. Farrell, L. L. Brainard, Wallace, Idaho; M. J. Farrell, Burke, Idaho.

Lead-silver—8 unpatented claims on Military gulch 2 miles northeast of Burke; 1700 feet of cross-cutting and drifting; now working 7 men.—L. L. Brainard, May 15, 1916.

OOM PAUL CONSOLIDATED MINING CO.

Principal place business: Wallace, Idaho.

Capital: $1,600,000. Shares: 1,600,000. Par value $1.
President: James F. McCarthy, Wallace, Idaho.
Secretary: L. E. Hanley, Wallace, Idaho.
Treas.-Mngr.: James F. McCarthy, Wallace, Idaho.
Superintendent: Frank Richardson, Burke, Idaho.
Directors: Jas. F. McCarthy, Ed. Ryan, Wallace, Idaho; Fred H. Richardson, Burke; Walter Mackay, 723 S. Park Ave., Portland, Oregon; J. B. Sloan, Burke, Idaho.
Idaho Managing Agent and Attorney in Fact: James F. McCarthy, Wallace, Idaho.

Lead-silver—10 patented claims in Lalande Mining

district; 1 mile east of Burke; 5000 feet of tunnel and crosscut; depth about 800 feet. 16 men working, and expect to cut vein in about three months; advancing crosscut with two shifts.—L. E. Hanley, April 16, 1916.

OLYMPIA GROUP.

Owner: A. G. Kerns, Wallace, Idaho.

Lead-silver—12 patented claims adjoining the Green Hill-Cleveland on west and north, and Tamarack & Custer on south, in Lalande and Placer Center Mining districts; has about 1500 feet of underground workings.—A. G. Kerns, May 3, 1916.

OREANO MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Sam Katz, 1501 Old National Bank Bldg., Spokane, Wash.
Sec.-Treas.: F. P. Candee, Wallace, Idaho.
Superintendent: H. M. Peterson, Wallace, Idaho.
Directors: Sam Katz, Spokane; Herman J. Rossi, H. M. Peterson; H. L. Honaker, Mrs. Nels Paulson, Wallace, Idaho.

Lead-silver—5 patented claims north of Mammoth and south of Custer on west side of Burke canyon, in Lalande Mining district; about 3000 feet of tunnel and crosscuts. A. Swan now driving crosscut tunnel through Oreano ground to Old Union Fraction. Company will resume operations shortly.—F. P. Candee, April 28, 1916.

OSCEOLA MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Dennis Reardon, Wallace, Idaho.
Sec.-Treas.: George Miner, Wallace, Idaho.
Manager: Chas. F. Ruddy, Wallace, Idaho.
Directors: Chas. Miner, Dennis Reardon, Chas. F. Ruddy, all of Wallace, Idaho.

Copper—9 unpatented claims on west fork of Placer Creek, 1¼ miles from Wallace; have 2000 feet underground workings; 4 men now working,

building road and getting ready for machinery.—Geo. Miner, May 8, 1916.

PANDORA COPPER MINING CO., LTD.

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: W. H. Hanson, Wallace, Idaho.
Sec.-Treas.: J. C. Weatherhead, Wallace, Idaho.
Manager: J. C. Weatherhead, Wallace, Idaho.
Directors: W. H. Hanson, J. C. Weatherhead, C. M. Bailie, of Wallace, Idaho; John P. Gray, Coeur d'Alene, Idaho; Martin Dunn, Butte, Mont.

Copper—10 unpatented claims adjoining Snowstorm at Larson on east, in Hunter Mining district; about 2000 feet of tunnel; company will resume operations about the middle of the summer.—W. H. Hanson, May 31, 1916.

PANHANDLE MINING & MILLING CO., LTD.

Incorporated under laws of Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
Principal place business: Wardner, Idaho.
President: vacant.
V. Pres.: Geo. W. Harris, Burke, Idaho.
Secretary: Franklin Pfirman, Wallace, Idaho.
Treasurer: P. P. Weber, Kellogg, Idaho.
Directors: Geo. W. Harris, Burke; P. P. Weber, Kellogg; Franklin Pfirman, Wallace; Albert Burch, San Francisco.

Lead-silver—2 patented claims on Nine Mile in Placer Center Mining district; has not been worked for a number of years.—Franklin Pfirman, May 24, 1916.

PARAGON CONSOLIDATED MINING CO., THE

Incorporated under laws of Minnesota.

Principal place business: St. Paul, Minnesota.

Capital: $1,500,000. Shares: 150,000. Par value $10.
President: Geo. P. Morison, St. Paul, Minn.
Sec.-Treas.: F. O. Hammer, St. Paul, Minn.
Manager: N. A. Stockett, Paragon, Idaho.
Mill Supt.: Andy Benson, Paragon, Idaho.

Directors: Dr. Geo. S. Morison, Dr. H. Nelson, F. O. Hammer, St. Paul, Minn.; L. W. Steadman, Spokane, Wash.

Zinc.—Property has shipped considerable ore company uses mill belonging to Murray Hill Mining Co.; property is located at Murray.—May 27, 1916.

PARK COPPER MINING & MILLING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: Thos. M. Brennan, Mullan, Idaho.
Sec.-Treas.: Nellie Stockbridge, Wallace, Idaho.
Manager: Thos. M. Brennan, Mullan, Idaho.
Directors: Thos. M. Brennan, Mullan, Idaho; A. J. Geis, Masonic Temple, Butte, Mont.; H. F. Samues, Samuels, Idaho; Thos. Keeley, Chicago; Nellie J. Stockbridge, Wallace, Idaho.

Copper—5 patented claims on Stevens Peak above Mullan, in Hunter Mining district; no work has been done since 1907; has 3000 feet of underground workings. Company will start work about June 1st.—Nellie J. Stockbridge, April 19, 1916.

PATUXENT MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: $1,500,000. Par value $1.
Pesident: James F. Callahan, Wallace, Idaho.
Sec.-Treas.: Frank C. Boutin, Wallace, Idaho.
Manager: James F. Callahan, Wallace, Idaho.
Supt.: Frank C. Boutin, Wallace, Idaho.
Directors: James F. Callahan, Frank C. Boutin, Wallace, Idaho; Jay Wemes, Greenacres, Wash.

Lead-silver-zinc—3 patented claims on Nine Mile between Interstate-Callahan and Murray road, in Placer Center Mining district; about 2600 feet of crosscuts and drifts; now working 26 men exploring veins and ore bodies.—Frank C. Boutin, May 8, 1916.

PENN-IDAHO MINING COMPANY

Principal place business: Murray, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: A. P. Berlin, Slatington, Pa.
Sec.-Treas.: Thos. Zellner, Slatington, Pa.

Manager: Roscoe Berlin, Murray, Idaho.
Superintendent: Roscoe Berlin, Murray, Idaho.
Directors: A. P. Berlin, Thos. Zellner, H. H. Misson. J. W. Hoke, all of Slatington, Pa.

Lead-silver—23 unpatented claims in Butte and Bonanza gulches, 3 miles east of Murray; property will be prospected for tungsten this spring and summer; a small force is now working.—Clara Lutjens, April 20, 1916.

PHEDORA SILVER-LEAD MINING COMPANY

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Wm. Schaefer, Kellogg, Idaho.
Sec.-Treas.: W. W. Papesh, Kellogg, Idaho.
Manager: Wm. Schaefer, Kellogg, Idaho.
Directors: Wm. Schaefer, W. W. Papesh, Elmer Brown, Kellogg; Chas. Bollinger and Geo. Moison, Wallace, Idaho.

Silver-lead—12 claims and a fraction unpatented, adjoining the Jack Waite on Eagle Creek in Eagle Mining district; about 700 feet of underground workings; will start operations at once driving tunnel and building 1500 foot flume for water power.—Wm. Schaefer, April 29, 1916.

PHOENIX M. & M. CO.

Principal place business: 408 Sixth St., Wallace, Ida.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Norman Ebbley, Wallace, Idaho.
Sec.-Treas.: Jos. F. Whelan, Wallace, Idaho.
Manager: Norman Ebbley, Wallace, Idaho.
Directors: Norman Ebbley, Jos. F. Whelan, Roy H. Kingsbury, of Wallace; Wm. Roberts, Gem; one vacancy.

Lead-silver—14 unpatented claims on head of Cedar and Granite creeks in Lalande district; about 1500 feet of tunnel work. Company expects to resume operations about June 1st.—Norman Ebbley, April 28, 1916.

PITTSBURG LEAD MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: H. L. Collins, Pittsburg, Pa.
Sec.-Treas.: S. Severance, Pittsburg, Pa.
Idaho Managing Agent and Attorney in Fact: A. G. Kerns, Wallace, Idaho.

Silver-lead—Company owns a small group of claims at Black Cloud on Nine Mile. Built a mill years ago and shipped some ore. Located in Placer Center Mining district. Company has been inactive for a number of years.—June 15, 1916.

PLACER CREEK SILVER-LEAD MINING & MILLING COMPANY

Principal place business: 709 Riverside Ave., Spokane, Wash.
Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: J. W. Wentworth, 709 Riverside Ave., Spokane, Wash.
Sec.-Treas.: R. E. Bigelow, 709 Riverside Ave., Spokane, Wash.
Manager: R. E. Bigelow, 709 Riverside Ave., Spokane, Wash.
Directors: Geo. Rumbarger, Phoenix, B. C.; J. W. Wentworth, R. E. Bigelow, Spokane; F. C. Bailey, Chamber of Commerce Bldg., Spokane; Geo. Yancey, Spokane; Elmer J. West, Peyton Bldg., Spokane; Robert Mack, Wallace, Idaho.

Lead-zinc—5 unpatented claims on Placer creek, 7 miles from Wallace, in Placer Center Mining district; about 1200 feet of tunnel.—F. C. Bailey, June 1, 1916.

POCAHONTAS MINING COMPANY

Principal place business: Wallace, Idaho.
Capital: $10,000. Shares: 10,000. Par value $1.
President: Walter H. Hanson, Wallace, Idaho.
Secretary: L. E. Worstell, Wallace, Idaho.
Treasurer: Irving Anderson, Wallace, Idaho.
Manager: Irving Anderson, Wallace, Idaho.
Directors: Walter H. Hanson, L. E. Worstell, Irving Anderson, D. N. Haydon, W. W. Smith, Wallace, Idaho.
Lead-silver—5 unpatented claims in Idaho gulch

about 2 miles from Murray in Summit Mining district. Preliminary improvements and assessment work has been done.—W. W. Smith, April 20, 1916.

POLARIS DEVELOPMENT & MINING CO.

Principal place business: Wallace, Idaho.

Capital: $50,000. Shares: 1,000,000. Par value 5c
President: W. E. Mann, Hotel Spokane, Spokane, Wash.
Sec.-Treas.: L. C. Wilson, Wallace, Idaho.
Manager: P. J. Gearon, Wallace, Idaho.
Directors: W. E. Mann, Hotel Spokane, Spokane, Wash.; P. J. Gearon, L. C. Wilson, Wallace, Idaho; Peter Schmitz, 1818 W. 1st ave., Spokane, Wash.; H. M. Davenport, Coeur d'Alene Hotel, Spokane, Wash.

Company is working Polaris group, which belongs to Polaris Mining company, under bond and option. —L. C. Wilson, May 12, 1916.

POLARIS MINING COMPANY

Principal place business: Wallace, Idaho.

President: John P. Gray, Coeur d'Alene, Idaho.
Sec.-Treas.: Florence Meade, Coeur d'Alene, Idaho.
Manager: Therrett Towles, Wallace, Idaho.
Directors: John P. Gray, Florence Meade, W. H. Batting, Coeur d'Alene, Idaho; Therrett Towles, Wallace; Mrs. W. B. Heyburn, Chad's Ford, Pa.

Lead-silver—3 patented claims on Polaris gulch on Big Creek, in Evolution district; shaft 150 feet deep; the property is under lease and bond to W. E. Mann, of Spokane, who is now working.—Therrett Towles, April 26, 1916.

PORTOMA MINING COMPANY, THE

Organized under laws of Oregon.

Principal place business: Board of Trade Building, Portland, Ore.
Capital: $100,000. Shares: 2,000,000. Par value 5c.
President: D. C. O'Reilly, Bates Bldg., Portland, Ore.
Sec.-Treas.-Mngr.: F. A. Knapp, 213 Board of Trade Bldg., Portland, Ore.
Directors: D. C. O'Reilly, F. A. Knapp, R. H. Flem-

ing, Portland, Ore.; F. L. Jones, Seattle, Wash.; F. B. Sharpstein, Walla Walla, Wash.

Lead-zinc—3 patented and 1 unpatented claim on Dobson gulch just over the divide from Nine Mile in Beaver Mining district; 1300 feet of tunnels and crosscuts; 3 men now working, getting ready to advance main tunnel.—F. A. Knapp, June 15, 1916..

POWHATAN MINING COMPANY, LTD.

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Joseph Turner, Wallace, Idaho.
Sec.-Treas.: Otto Freeman, Wallace, Idaho.
Manager: Chas. Rundquist, Wallace, Idaho.
Directors: Chas. Rundquist, Otto Freeman, L. L. Leighty, Joseph Turner, Wm. Fishinger, Hugh Toole, Wallace, Idaho.

Silver-lead—4 unpatented claims on Big Creek, in Evolution Mining district; 6 miles from Shonts spur on O. W. R. & N. Ry.; about 900 feet of tunnel work done; will begin work about July 1st, doing crosscutting.—Joseph Turner, May 23, 1916.

PURITAN MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Anton Olson, Sunset, Idaho.
Sec.-Treas.: Chas. A. Solberg, Wallace, Idaho.
Manager: Anton Olson, Sunset, Idaho.
Directors: Chas. A. Solberg, Wallace; Anton Olson, Chas. Elmgreen, Sunset, Idaho; O. B. Olson, Burke; Theodore Anderson, Los Angeles, Cal.

Lead-silver—5 patented claims on west side of Burke canyon above Burke, in Lalande Mining district; has about 3000 feet of underground workings; not being worked now.—C. A. Solberg, May 3, 1916.

PINE CREEK DEVELOPMENT COMPANY

Principal place business: Kellogg, Idaho.

Capital: $20,000. Shares: 20,000. Par value $1.
President: Geo. McKinnis, Kellogg, Idaho.
Sec.-Treas.: John Rock, Kellogg, Idaho.

Manager: W. W. Papesh, Kellogg, Idaho.
Directors: W. W. Papesh, J. E. Jones, Ben Braham, John Rock, Kellogg, Idaho.

This corporation is newly organized; has a bond on Sherman group on Pine creek, in Yreka Mining district.—John Rock, May 1, 1916.

RAINBOW MINING & MILLING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $500,000. Shares 2,000,000. Par value 25c.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: Geo. Austin, Wallace, Idaho.
Manager: Geo. Austin, Wallace, Idaho.
Directors: Herman J. Rossi, A. Wyman, Therrett Towles, George Austin, of Wallace, Idaho; Sig. Hufsland, Coeur d'Alene, Idaho; A. E. Bronson, Gibbs, Idaho.

Idaho Managing Agent and Attorney in Fact: Herman J. Rossi and Geo. Austin, Wallace, Idaho.

Gray copper—4 patented claims 3 miles west of Wallace on Shield's gulch, in Evolution Mining district; 3200 feet of crosscuts and drifts.

Lead-silver-zinc.—3 claims, patent applied for, 3 unpatented; situated on Bootjack Creek, a tributary of Little North Fork, 15 miles from mouth; has 600 feet of underground workings. Operations will start June 1st, 1916.—George Austin, April 18, 1916.

RAVEN MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: W. M. Rakestraw, Spokane, Wash.
Sec.-Treas.: Franklin Pfirman, Wallace, Idaho.
Directors: W. M. Rakestraw, Spokane; J. J. Toner, W. T. McLachlin, Wardner; Franklin Pfirman, Wallace, Idaho; one vacancy.

Lead-silver—4 unpatented claims at Raven above Murray in Summit Mining district; 1400 feet of underground workings; expect to start work soon.—Franklin Pfirman, May 5, 1916.

RAY-JEFFERSON MINING COMPANY

Organized under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $2,000,000. Shares 2,000,000. Par value $1.
President: Eugene R. Day, Wallace, Idaho.
Secretary: P. I. J. Maggy, Wallace, Idaho.
Manager: Dan L. McGrath, Wallace, Idaho.
Directors: Eugene R. Day, Harry L. Day, Dan L. McGrath, Geo. K. Garrett and Jas. J. Murphy, Wallace, Idaho.

Galena and zinc—Property consists of about 10 claims at the head of Nine Mile to the west and south of the Interstate-Callahan; large concentrator is now being built at the property.—June 14, 1916.

RED CLOUD MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $250,000. Shares: 500,000. Par value 50c.
President: A. L. Honaker, Wallace, Idaho.
Sec.-Treas.: Herman Rossi, Wallace, Idaho.
Directors: A. L. Honaker, Herman J. Rossi, Lyman Wood, Wallace; Jacob Lockman, Nampa, Idaho; J. B. Cameron, c|o Dexter-Horton Co., Seattle, Wash.

Silver-lead—1 patented claim on Pine Creek near Beeler, Idaho, in Yreka Mining district; about $20,000 has been expended on development; no work being done at present.—Herman J. Rossi, April 26, 1916.

RED MONARCH CONSOLIDATED MINING CO.

Principal place business: Spokane, Wash.

Capital: $2,000,000. Shares: 2,000,000. Par value $1.
President: C. Wolfle, 417-8 Hutton Bldg., Spokane, Wash.
Sec.-Treas.: Gale Smith, 417-8 Hutton Bldg., Spokane, Wash.
Manager-Supt.: R. H. Hewer, Wallace, Idaho.
Directors: Conrad Wolfle, G. I. Toves, Ralph Smith, Orris Dorman, F. R. Wolfle, Gale Smith, Spokane, Wash.; W. G. Collins, 765 Stewart Bldg., Seattle, Wash.

Silver-lead-zinc—43 unpatented claims; on Missoula gulch and Dobson gulch in Beaver Mining dis-

trict; 3000 feet of underground workings; now working 18 men advancing crosscut tunnel.—C. Wolfle, April 19, 1916.

REINDEER-QUEEN MINING CO.

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $200,000. Shares: 2,000,000. Par value 10c.
President: E. B. Crawford, Mullan, Idaho.
Secretary: J. R. Bean, Mullan, Idaho.
Treasurer: S. D. Lemieux, Black Bear, Idaho.
Mngr.-Supt.: E. B. Crawford, Mullan, Idaho.

Directors: John C. Glahe, Burke; D. E. Keys, A. P. McRae, E. B. Crawford, Mullan; S. D. Lemieux, Black Bear, Idaho.

Copper—2 patented and 5 unpatented claims; about 3 miles southeast of Mullan in Stevens' Peak section, in Hunter Mining district; about 7000 feet of underground workings; shipped 2 carloads of ore; now working small force.—D. E. Keys, May 17, 1916.

REX CONSOLIDATED MINING CO.

Principal place businss: Dover, Delaware.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: M. J. Sweeney, Wallace, Idaho.
Secretary: B. F. Taylor, 120 Broadway, Equitable Bldg., New York.
Treasurer: Robert J. Sweeney, 120 Broadway, Equitable Bldg., New York.
Manager: M. J. Sweeney, Wallace, Idaho.
Mine Supt.: N. C. Sheridan, Wallace, Idaho.
Directors: Benjamin F. Taylor, No. 322 W. 107th St., New York; Elizabeth Hoyt, Oradell, N. J.; Edw. P. Howard, 235 W. 71st St., New York; M. J. Sweeney, Wallace, Idaho; Robert J. Sweeney, New York.

Lead-silver—5 patented and 3 unpatented claims situated on divide between east and west Nine Mile in Placer Center Mining district; property has produced $860,000 gross; now working about 30 men; company expects to ship during summer.—M. J. Sweeney, May 2, 1916.

REX MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: Herman J. Rossi, Wallace, Idaho.
Sec.-Treas.: Chares Hussey, Spokane, Wash.
Manager: Herman J. Rossi, Wallace, Idaho.
Directors: Herman J. Rossi, Wallace; Dana Childs, Charles Hussey, W. J. C. Wakefield, Spokane, Wash.
Idaho Managing Agent and Attorney in Fact: Herman J. Rossi, Wallace, Idaho.

Lead-silver-zinc—5 patented claims on east side of Nine Mile in Placer Center Mining district; property is now under option to Rex Consolidated Mining company for $200,000. This is one of the oldest mines of the district and produced for many years; the mill is now being used by Tamarack & Custer.—Herman J. Rossi, May 9, 1916.

RHODE ISLAND MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $50,000. Shares: $1,000,000. Par value 5c.
President: A. G. Webb, Wallace, Idaho.
Sec.-Treas.: C. E. Clarke, Wallace, Idaho.
Manager: A. G. Webb, Wallace, Idaho.
Superintendent: A. G. Webb, Wallace, Idaho.
Directors: Dr. W. A. Smith, C. E. Clarke, A. G. Webb, Dan Russell and Chas. Bolinger, all of Wallace, Idaho.

Lead-silver—3 unpatented claims on Terror creek, a tributary of South Fork; about 3½ miles north of Osburn, in Evolution Mining district; about 500 feet of tunnel. Company will start further development work at once.—A. G. Webb, April 29, 1916.

RICHMOND MINING, MILLING & REDUCING CO.

Principal place business: Spokane, Washington.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Martin Woldson, Scand.-Amer. Bank, Spokane, Wash.
Secretary: W. S. Norman, Hotel Spokane, Spokane, Wash.
Treasurer: Thos. McGowan, McGowan Hardware Co., Spokane, Wash.

Mngr.-Supt.: Chas. J. Heidenreich, Hotel Spokane, Spokane, Wash.
Directors: Martin Woldson, W. S. Norman, Thos. McGowan, Chas. J. Heidenreich, Dr. E. Reichter, all of Spokane, Wash.

Copper— 7 patented claims near Adair, Idaho, in East Coeur d'Alene Mining district; 2000 feet of tunnel, 500 feet of shafts, 1000 feet of drifts, 400 feet of raise. Working about 20 men; property has shipped 300 tons of ore.—Chas. J. Heidenreich, April 23, 1916.

ROB ROY MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: S. D. McDonald, Wallace, Idaho.
Secretary: Dr. J. A. Grant, Wallace, Idaho.
Treasurer: A. MacLachlin, Wallace, Idaho.
Manager.-Supt.: S. D. McDonald, Wallace, Idaho.
Directors: S. D. McDonald, Alex MacLachlan, Jas. Underwood, C. J. Lyman, Wallace, Idaho; Roderick J. McLeod, Mullan, Idaho.

Lead-silver—7 unpatented claims on head of Beaver Creek adjoining Senator Clark group on Sunset Peak in Beaver Mining district; about 700 feet of tunnel; now working 2 men driving crosscut.—Dr. J. A. Grant, May 23, 1916.

ROBERTA MINING AND MILLING COMPANY

Principal place business: Butte, Montana.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Joseph Lutey, Butte, Mont.
Secretary: John A. Shelton, Hirbour Bldg., Butte, Montana.
Treasurer: John A. Shelton, Butte, Mont.
Manager: Wm. Simmons, Gem, Idaho.
Directors: Joseph Lutey, John A. Shelton, Butte; Alex Penaluna, Wallace, Idaho; Charles Youlden, Theo. Behling, Butte.

Lead-silver—6 patented and 5 unpatented claims at Gem, Idaho, in Lalande Mining district; 4000 feet of tunnels; operations are to be resumed at once.—Alex Penaluna, April 15, 1916.

ROCKFORD MINING COMPANY

Incorporated under laws of Idaho.
Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: John Carlson, Gem, Idaho.
Secretary: Walter H. Hanson, Wallace, Idaho.
Treasurer: Ed Erickson, Gem, Idaho.
Manager: John Carlson, Gem, Idaho.
Directors: John Carlson, Ed Erickson, Chas. Hyland, John Wood, Chas. Garanson, all of Gem, Idaho.

Lead-silver—11 claims, patent proceedings now pending; property adjoins Bunker Hill & Sullivan on southeast, about 2 miles from Kellogg, in Yreka district; about 1880 feet of underground workings; will start work during June.—W. H. Hanson, May 31, 1916.

ROYAL COPPER MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: P. O. Swanson, Wallace, Idaho.
Sec.-Treas.: F. Bland, Wallace, Idaho.
Manager-Supt.: P. O. Swanson, Wallace, Idaho.
Directors: P. O. Swanson, F. Bland, Otto A. Olsson, O. A. Olin, J. Cunningham, all of Wallace, Idaho.

Copper—10 unpatented claims near Thompson Falls, Mont., in East Coeur d'Alene Mining district; no work being done at present except assessment work.—F. Bland, April 29, 1916.

ROANOKE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: W. J. Baker, Wallace, Idaho.
Sec.-Treas.: F. E. Stone, Wallace, Idaho.
Manager: W. J. Baker, Wallace, Idaho.
Directors: W. J. Baker, A. J. Devlin, A. Wilmot; F. E. Stone, Dr. J. E. St. Jean, all of Wallace, Idaho.

Lead-silver—2 patented claims and 6 unpatented claims on Elk Creek about ¾ mile from Wardner in Yreka Mining district; about 700 feet of tunnel; 350 feet of shaft; property is now under lease to John Grenfell; working 6 men, occasional shipments are made.—F. E. Stone, April 28, 1916.

ROSE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: Ed. Laujrud, Enaville, Idaho.
Sec.-Treas.: W. H. Hanson, Wallace, Idaho.
Manager: C. H. Anderson, Enaville, Idaho.
Directors: Ed. Laujrud, C. H. Anderson, Enaville; H. P. Smith, Flatriver, Mo.; Thos. Tweed, W. H. Hanson, Wallace, Idaho.

Lead-silver—6 unpatented claims on Coal Creek, about ten miles from Enaville in Beaver Mining district; 600 feet of tunnel work done; company is now working a small force drifting on vein.—W. H. Hanson, May 31, 1916.

RUTH CONSOLIDATED MINING & MILLING CO.

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: C. M. Crego, Division & Montgomery, Spokane, Wash.
Sec.-Treas.: G. D. Crego, Spokane, Wash.
Manager: O. B. Wallace, Wallace, Idaho.
Directors: C. M. Crego, G. D. Crego, W. H. Tueting, Spokane, Wash.; Wm. H. Hoar, Tekoa, Wash.; O. B. Wallace, Wallace, Idaho.

Lead-silver—9 unpatented claims west of Black Cloud, on Grouse Creek in Placer Center Mining district; 4000 feet of underground workings; lower tunnel in 1000 feet. Company expects to put in new equipment during summer, and to resume operations.—O. B. Wallace, May 11, 1916.

RIVERSIDE COPPER MINING CO.

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: T. R. Mason, Kellogg, Idaho.
Sec.-Treas.: S. S. Bonham, Wardner, Idaho.
Manager: T. R. Mason, Kellogg, Idaho.
Directors: Henry Barnhart, T. R. Mason, C. W. Simmons, Mike Bottinelli, Kellogg, Idaho; S. S. Bonham, Wardner, Idaho.

Lead—5 claims, patent proceedings now pending;

situated on Little North Fork in Kootenai county; 460 feet of tunnels; will do sinking at once. Equipment has been purchased and operations will start at once.—T. R. Mason, June 2, 1916.

SABINA MINING & MILLING CO.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: E. J. Duff, Wallace, Idaho.
Sec.-Treas.: E. E. Hatch, Wallace, Idaho.
Manager-Supt.: E. J. Duff, Wallace, Idaho.
Directors: E. J. Duff, J. R. McDonald, E. E. Hatch, all of Wallace; Henry Moar, Wallace; F. R. McDonald, Wallace.

Lead-silver—11 unpatented claims, on north slope of Summit Mining district, directly east of Summit Peak; 700 feet of tunnel; E. J. Duff now working 4 men on drift.—E. E. Hatch, May 6, 1916.

SAN FRANCISCO MINING CO., LTD.

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: T. R. Mason, Kellogg, Idaho.
Sec.-Treas.: J. E. Jones, Kellogg, Idaho.
Manager: Clyde Barnhart, Kellogg, Idaho.
Directors: T. R. Mason, Clyde Barnhart, Wm. M. Riggs, Andy Barnhart, all of Kellogg.

Lead-silver—5 unpatented claims on Pine Creek near Douglas in Yreka Mining district; about 600 feet of work done; company expects to resume operations during June.—Wm. M. Riggs, May 25, 1916.

SAMPSON MINING & DEVELOPMENT CO., LTD.

Principal place business: Wardner, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.
President: D. W. Raines, Spokane, Wash.
Sec.-Treas.: R. L. Brainard, Wardner, Idaho.
Manager: A. J. Brainard, Kellogg, Idaho.
Supt.: M. J. Farrell, Burke, Idaho.
Directors: D. W. Raines, Spokane; R. L. Brainard, Wardner, A. J. Brainard, Kellogg, Idaho.

Lead-silver—7 claims unpatented, on the south fork of Big creek in Yreka Mining district; 500 feet of underground workings; property is not being worked at present.

8 unpatented claims, millsite and water power in Kessler Gulch, tributary of east Eagle Creek, in Eagle Mining district; 1500 feet of crosscutting and drifting; one winze 60 feet and one 35 feet; operations are to be started soon.—L. L. Brainard, April 21, 1916.

SEMINOLE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.
President: Jas. A. Baxter, Wallace, Idaho.
Sec.-Treas.: John E. Blair, Hyde Blk., Spokane, Wash.
Manager: Henry Lilienthal, Columbia Bldg., Spokane, Wash.
Directors: James A. Baxter and H. E. Worstell, Wallace; Henry Lilienthal, John E. Blair, Spokane; Major Ingraham, Kellogg.

Lead-silver-zinc—4 unpatented claims on Moon Creek in Yreka Mining district; 125 feet of tunnel and considerable open cut work; company will resume operations by June 1st, 1916.—Jas. A. Baxter, April 23, 1916.

SIDNEY MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: E. S. Gay, Kellogg, Idaho.
Secretary: W. T. Simons, Kellogg, Idaho.
Treas.-Mngr.: L. W. Gay, Kellogg, Idaho.
Directors: E. S. Gay, L. W. Gay, A. E. Hemphill, E. H. Baker, L. M. Gay, Kellogg, Idaho.

Zinc-lead—18 unpatented claims on Denver gulch, about 6 miles southeast of Kellogg; about 800 feet of underground workings, short crosscuts, drifts on vein; operations will be resumed shortly.—L. W. Gay, May 31, 1916.

SIERRA NEVADA CONSOLIDATED MINING & CONCENTRATING CO.

Incorporated under laws of Oregon.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares 1,000,000. Par value $1.

President: Stanly A. Easton, Kellogg, Idaho.
Sec.-Treas.: C. W. Simmons, Kellogg, Idaho.
Manager: Stanly A. Easton, Kellogg, Idaho.
Mine Supt.: Wm. McDougall, Kellogg, Idaho.
Mill Supt.: R. S. Handy, Kellogg, Idaho.

Directors: Stanly A. Easton, C. W. Simmons, Wm. McDougall, of Kellogg; J. E. Gyde, Wallace; Geo. F. Holman, Portland, Ore.

Idaho Managing Agent and Attorney in Fact: S. A. Easton, Kellogg, Idaho.

Argentiferous galena—5 unpatented claims at head of Deadwood gulch in Yreka district; production suspended; a small crew is doing development work.—Stanly A. Easton, June 2, 1916.

SILVERADO MINING COMPANY

Incorporated under laws of Washington.

Principal place business: 616 Old National Bank Bldg., Spokane, Wash.

Capital: $2,500,000. Shares: 2,500,000. Par value $1.

President: Dr. W. B. Pickerell, 529 Old National Bank, Spokane, Wash.
Sec.-Treas.: C. D. Muxen, 616 Old National Bank Bdg., Spokane, Wash.

Directors: Dr. W. B. Pickerell, I. C. Newman, J. A. Wyard, Spokane; Wilbur Wood, E. 2814 3rd ave., Spokane; A. Eyller, Eyller Shoe Co., Spokane; H. A. Long, Greenacres, Wash.; N. A. Carpenter, W. 522 Main, Spokane, Wash.

Lead-silver-copper—21 claims and 1 fraction, unpatented, 1⅛ miles west of Osburn, about 1000 feet from O. W. R. & N. railroad, in Evolution Mining district; about 1½ miles of underground workings. Ore contains high silver values; about 40,000 tons blocked out; company is now building a mill; 26 men working.—Sterns Wood, June 2, 1916.

SHERMAN MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: D. R. Harlan, Wardner, Idaho.
Sec.-Treas.: John Rock, Kellogg, Idaho.

Directors: D. W. Price, J. W. Taylor, Kellogg, Idaho; D. R. Harlan, Wardner, Idaho.

Lead-zinc—6 unpatented caims on west fork of Pine Creek, in Yreka Mining district; 700 feet of underground workings; now under bond to the Pine Creek Development company; 4 men working at present.—John Rock, May 16, 1916.

SHERMAN DEVELOPMENT CO., THE

Incorporated under laws of Nevada.

Principal place business: Carson City, Nevada.
Capital: $500,000. Shares: 2,000,000. Par value 25c.

Company organized recently by Charles McKinnis, E. R. Day, H. R. Allen, of Wallace, and Axel Swan and Dellnar A. Swan, of Burke, Idaho.

Organized to take over bond on old Union group, the property of Coeur d'Alene Mining & Concentrating Co.

SILVER CABLE MINING COMPANY

Principal place business: Missoula, Montana.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.

President: Jas. D. Corbett, Missoula, Mont.
Sec.-Treas.: Carl C. Mott, P. O. Box 1403 Missoula, Mont.
Manager: J. D. Corbett, Missoula, Mont.
Supt.: John A. Chisholm, Mullan, Idaho.

Directors: Jas. D. Corbett, Harry E. Chaney, John W. Kennedy, W. J. Rhoades, Missoula, Mont.

Lead-zinc—7 patented and 1 unpatented claim located above Mullan in the Hunter Mining district; has shipped one carload of ore; now working 8 men taking out ore; will start making regular shipments shortly.—Carl C. Mott, June 3, 1916.

SILVER CLIFF GOLD & COPPER MINING CO.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: James D. Young, Larson, Idaho.
Secretary, Ed. C. Young, Wallace, Idaho.
Treas.-Mngr.: James D. Young, Larson, Idaho.
Directors: Jas. D. Young, Larson; Ed. C. Young, Lyman Wood, Ed. Godfrey, Wallace, Idaho; one vacancy.

Copper—10 unpatented claims northwest of Lookout, in Hunter Mining district; about 5000 feet of underground workings; now working 3 men drifting on vein.—Lyman Wood, May 6, 1916.

SILVER EAGLE MINING CO., LTD., THE,

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: John H. Hogus, Wallace, Idaho.
Sec.-Treas.: Charles W. Betts, Wallace, Idaho.
Manager: John H. Hogus, Wallace, Idaho.
Directors: John H. Hogus, Mrs. John H. Hogus, C. W. Betts, Aaron Norling, and Otto Freeman, Wallace, Idaho.
Idaho Managing Agent and Attorney in Fact: John H. Hogus, Wallace, Idaho.

Silver-lead—13 unpatented claims on Nine Mile about 1½ miles north of Wallace, in Placer Center Mining district; main tunnel in about 800 feet; 500 feet of other underground workings; now working small force driving crosscut.—C. W. Betts, May 16, 1916.

SILVER STATE MINING COMPANY

Principal place business: Spokane, Wash.

President: Dr. C. S. Kalb, Spokane, Wash.
Sec.-Treas.: H. A. Steinke, Spokane, Wash.
Directors: Dr. C. S. Kalb, H. A. Steinke, Jake Hill, George Chant, P. D. Tull, all of Spokane, Wash.

Lead-siver—6 claims adjoining the Interstate-Calahan holdings on the north and east, in Placer Center Mining district; about 3800 feet of underground workings. J. W. Douglas, of Spokane, has recently secured an option on the property.—June 3, 1916.

SILVER MOON MINING COMPANY, LIMITED

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Eugene Sage, Burke, Idaho.

Sec.-Treas.: Gus Ehrenberg, Palmerston Hotel, Spokane, Wash.

Manager: Ed. Ehrenberg, Wallace, Idaho.

Directors: Eugene Sage, Burke, Idaho; Ed Ehrenberg, Geo. Steward, Wallace, Idaho: Gus Ehrenberg, Spokane; Dr. H. L. Lambach, Paulsen Bldg., Spokane, Wash.

Lead-silver—9 unpatented claims on west side of Burke canyon at Black Bear, in the Lalande Mining district; 3500 feet of work done; 5 men are driving crosscut.—May 11, 1916.

SILVER REEF GROUP

Co-Partnership.

Manager: L. Randle, Beeler, Idaho.

Owners: Herman J. Rossi, Wallace, Idaho; and L. Randle, Beeler, Idaho.

Lead-silver-zinc.—7 unpatented claims on East Fork of Pine Creek, in Yreka Mining district; company has expended about $16,000 on property; now working 2 men.—Herman J. Rossi, April 25, 1916.

SILVER STAR MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: John Kammerer, 331½ Main Ave., Spokane, Wash.

Sec.-Treas.: Wm. Devan, Wallace, Idaho.

Manager: John Kammerer, Spokane, Wash.

Directors: Norman Ebbley, Wm. Devan, Wallace, Idaho; John Kammerer, Spokane, Wash.

Silver-lead—6 unpatented claims on Gentle Annie gulch in Hunter Mining district; about 1000 feet of underground workings; will do some work this summer.—Norman Ebbley, April 28, 1916.

SISTER MINING & MILLING CO.

Principal place business: Wallace, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value $1.

President: Frank P. Markwell, Wallace, Idaho.

Sec.-Treas.: E. H. Pattison, Hutton Bldg., Spokane, Wash.

Manager: E. H. Pattison, Hutton Bldg., Spokane, Wash.

Directors: Frank P. Markwell, Morton Webster, J. Fred Markwell, Wallace, Idaho E. H. Pattison, Spokane; Paris Renshaw, Hutton Bldg., Spokane, Idaho Managing Agent and Attorney in Fact: Morton Webster, Wallace, Idaho.

Lead-silver—7 patented claims on West side Burke canyon, about 2 miles from Wallace, in Placer Center Mining district; shaft down 200 feet and about 1 mile of drifts and crosscuts; tunnel 600 feet; has been idle about 5 years.—E. H. Pattison, May 5, 1916.

SLAVONIAN MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: Tom Dakovich, Wardner, Idaho.

Sec.-Treas.: G. W. Dougherty, Wallace, Idaho.

Manager: Tom Dakovich, Wardner, Idaho.

Directors: Tom Dakovich, Christ Kagovich, Geo. Bietich, of Wardner, Idaho; G. W. Dougherty, Wallace; Geo. C. Polish, Spokane, Wash.

Lead-silver—3 claims unpatented in Wardner, east of Last Chance and adjoins Bunker Hill & Sullivan on north; 800 feet of crosscutting; company expects to resume operations soon to drive crosscut to vein.—G. W. Dougherty, April 27, 1916.

SMALL HOPE LEASE

Principal place business: Kellogg, Idaho.

Capital: $100. Shares: 100. Par value $1.

President: F. Arbogast, Kellogg, Idaho.

Sec.-Treas.: W. F. Smith, Kellogg, Idaho.

Manager: F. Arbogast, Kellogg, Idaho.

Directors: Peter Mason, F. M. Arbogast, W. I. Hall, Chas. Lafevre, B. A. McIntosh, all of Kellogg.

Lease on part of upper workings of Bunker Hill & Sullivan, on Sullivan side.—Peter Mason, May 25, 1916.

SNOWSHOE MINING COMPANY

Principal place business: Mullan, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: P. J. Gearon, Wallace, Idaho.
Sec.-Treas.: H. J. Loop, Mullan, Idaho.
Manager: Paul Lucia, Mullan, Idaho.
Directors: P. J. Gearon, Wallace; A. P. McRae, James A. Bean, Wm. Wallace, Paul Lucia, Mullan, Idaho.

Copper—4 claims and 2 patented fractions, 1 unpatented fraction; on Gentle Annie gulch, 2 miles from Mullan in Hunter Mining district; about 1 mile of underground workings; now working 7 men.—H. G. Loop, May 17, 1916.

SNOW STORM MINING COMPANY

Principal place business: Larson, Idaho.

President: Leo Greenough, Larson, Idaho.
Sec.-Treas.: R. E. Walters, Larson, Idaho.
Idaho Managing Agent and Attorney in Fact: Leo Greenough, Larson, Idaho.

Company is being dis-incorporated, its assets being acquired by the Snow Storm Mines Consolidated.

SNOW STORM MINES CONSOLIDATED

Organized under laws of Washington.

Principal place business: 928 Old National Bank Bldg., Spokane, Wash.
Capital $625,000. Shares: 2,500,000. Par value 25c.
President: Leo Greenough, 928 Old National Bank Bldg., Spokane, Wash.
Sec.-Treas.: W. J. Beaton, 928 Old National Bank Bldg., Spokane, Wash.
Manager: Leo Greenough, 928 Old National Bank Bldg., Spokane, Wash.
Vice Pres.: W. J. Greenough, 928 Old National Bank Bldg., Spokane, Wash.

This company has taken over all the assets of the Snow Storm Mining Company at Larson, Idaho,

and all options on mining claims, mill sites, and water power sites previously held by Leo Greenough, in the vicinity of Troy, Lincoln County, Montana, including the property of the Banner & Bangle Mining company and the Montana Light & Power Co.

The Banner & Bangle property is developed by tunnels to the extent of about 1 mile and to the depth of about 1200 feet. The company is now erecting a mill and building a railroad from same to the mine, 6 miles distant. The company also proposes to build a hydro-electric plant at the power site of the Montana Light and Power Company on Lake Creek, Lincoln County, Montana.—W. J. Beaton, June 2, 1916.

SONORA MINING & MILLING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: A. H. Featherstone, Wallace, Idaho.
Sec.-Treas.: W. A. Smith, Wallace, Idaho.
Manager: W. A. Smith, Wallace, Idaho.
Contractor: C. Haines, Burke, Idaho.
Directors: Mel Werkheiser, O. E. Dubach, H. S. Tofte, A. H. Featherstone, W. A. Smith, John T. Boyle, Wallace, Idaho; Chas. P. Lund, Old National Bank, Spokane, Wash.

Lead-silver—10 claims and 2 fractions, 4 patented and patent applied for on all but 1 claim; property is located just northeast of Burke in Lalande Mining district; about 4000 feet of underground workings; C. Haines has a contract for driving crosscut, working 4 men.—W. A. Smith, April 28, 1916.

SPOKANE MINING & LEASING COMPANY

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $10,000. Shares: 10,000. Par value $1.
President: F. W. Tueting, Spokane, Wash.
Secretary: W. J. McColough, Wardner, Idaho.
Treasurer: F. W. Tueting, Spokane, Wash.
Manager: C. A. Williams, Wardner, Idaho.
Directors: W. J. McColough, C. A. Williams, Ward-

ner, Idaho; F. W. Tueting, E. Kendrick, Spokane, G. D. Crego, Nygreen Apts., Spokane, Wash.

Company is working part of upper workings of Bunker Hill & Sullivan, on Bunker Hill side.—Peter Mason, May 26, 1916.

SPOKANE TUNNEL MINING CO.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: A. C. Blue, Wallace, Idaho.
Sec.-Treas.: C. A. Richlie, Wallace, Idaho.
Manager: W. B. Lively, Wallace, Idaho.
Directors: A. B. Livingston, W. B. Lively, A. C. Blue, C. C. Richlie, John I. Johnson, all of Wallace, Idaho.

Copper—3 unpatented claims on Placer creek about 6 miles from Wallace; company has been doing assessment work.—C. C. Richlie, May 23, 1916.

SPRINGFIELD MINING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.
President: O. E. Anderson, Burke, Idaho.
Sec.-Treas.: Tillie Zeitfuchs, Wallace, Idaho.
Manager: O. E. Anderson, Bruke, Idaho.
Directors: O. E. Anderson, Chris Anderson, Burke, Idaho; E Hedin, Tillie Zeitfuchs, A. H. Featherstone, Wallace, Idaho.

Copper-silver-lead—4 patented and 3 unpatented claims on Stevens Peak in Hunter Mining district; considerable work has been done in the way of tunnels. Company will resume work in June.—Tillie Zeitfuchs, May 24, 1916.

SPOKANE MINING & MILLING CO.

Principal place business: Spokane, Washington.

Capital: $25,000. Shares: 500,000. Par value 5c.
President: M. E. Wees, Los Angeles, California.
Sec.-Treas.: G. W. Stocker, Spokane, Wash.
Directors: M. E. Wees, Los Angeles, Cal.; Mrs. Margaret Presley, Kellogg, Idaho; G. W. Stocker, Spokane, Wash.
Idaho Managing Agent and Attorney in Fact: A. G. Kerns, Wallace, Idaho.

Lead-silver—4 patented claims; located in Government guch, below Kellogg, in Yreka Mining district, adjoining Ontario mine.—A. G. Kerns, May 8, 1916.

STANLEY CONSOLIDATED MINING & MILLING COMPANY

Incorporated under laws of Washington.

Principal place business: Spokane, Wash.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: John H. Wourms, Wallace, Idaho.
Secretary: John H. Pelletier, Mohawk Blk., Spokane, Wash.
Treasurer: F. Bland, Wallace, Idaho.
Manager: John H. Wourms, Wallace, Idaho.

Directors: John H. Wourms, John H. Pelletier. H. F. Goetz, of Wallace, Idaho.

Lead-antimony-gold—12 patented claims about half mile from Burke in Lalande Mining district; 2000 feet of underground workings, including tunnel and raise. Several cars have been shipped from property; development work is now being done.—June 1, 1916.

STAR ANTIMONY MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $10,000. Shares: 1,000,000. Par value 1c.

Pesident: B. A. McIntosh, Kellogg, Idaho.
Secretary: J. S. Ross, Kellogg, Idaho.
Treasurer: W. F. Smith, Kellogg, Idaho.
Manager: B. A. McIntosh, Kellogg, Idaho.
Supt.: J. T. Henwood, Beeler, Idaho.

Directors: B. A. McIntosh, W. I. Hall, L. H. Timpe, E. W. Miller, J. S. Ross, all of Kellogg, Idaho; J. T. Henwood, Theodore Brown, Beeler, Idaho.

Antimony-gold—8 unpatented claims on Pine Creek in Yreka Mining district; about 1000 feet of underground workings; now working 15 men driving tunnel and stoping; property has shipped two carloads of antimony ore.—Theo. Brown, May 25, 1916.

STAR MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: E. H. Moffitt, Wallace, Idaho.

Secretary: Charles Hussey, 507 Empire State Bldg., Spokane, Wash.

Teasurer: Charles Hussey, 507 Empire State Bldg., Spokane, Wash.

Manager: E. H. Moffitt, Wallace, Idaho.

Directors: E. H. Moffitt, Wallace; Charles Hussey, Dr. C. G. Cunningham, Austin Corbin, 2nd, Spokane, Wash.

Idaho Managing Agent and Attorney in Fact: E. H. Moffitt, Wallace, Idaho.

Lead-silver-zinc—9 patented and 7 unpatented claims adjoining Morning on west, about 2 miles northwest of Mullan, in Hunter Mining district; developed by two tunnels, upper one in 400 feet and lower one consists of 2200 feet of crosscutting and 3700 feet drifting on three veins.—E. H. Moffitt, May 1, 1916.

SQUARE DEAL MINING COMPANY

Principal place business: Coeur d'Alene, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Boyd Hamilton, Paulsen Bldg., Spokane, Wash.

Sec.-Treas.: Ross Black, Coeur d'Alene, Idaho.

Directors: Ross Black, J. Boughton, Coeur d'Alene, Idaho; John Smith, H. E. Howes, Wallace; Boyd Hamilton, Spokane; W. L. Stirling, Walla Walla, Wash.

Lead-silver—9 unpatented claims, about 3 miles from Wallace in Mullan canyon, in Placer Center Mining district; about 1500 feet of work done; the company expects to start work shortly.—H. E. Howes, May 31, 1916.

STERLING MINING COMPANY, LIMITED

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: John J. Presley, Wallace, Idaho.

Sec.-Treas.: J. Frank Watson, Portland, Oregon.

Manager: John J. Presley, Wallace, Idaho.
Directors: John J. Presley, Alexander Murphy, W. W. Woods, Wallace, Idaho; J. Frank Watson, Portland, Ore.

Lead-silver—13 unpatented claims on Lead gulch, above Chicago-Boston in Placer Center Mining district; about $10,000 has been expended on development; not working at present.—Alexander Murphy, May 1, 1916.

STEWART MINING COMPANY

Organized under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.

President: Hiram C. Todd, Saratoga, N. Y.
Secretary: Chas. T. Lark, 60 Broadway, New York.
Treasurer: C. J. Williams, 61 Broadway, New York.
Manager: Wm. A. Beaudry, Kellogg, Idaho.
Directors: Chas. W. Saacke, 61 Broadway, New York; Hiram C. Todd, Saratoga, New York; Chas. T. Lark, 60 Broadway, New York; Wm. A. Beaudry, Kellogg, Idaho; Nash Rockwood, 60 Broadway, New York.

Galena—Company owns about 200 acres of ground south and west of Kellogg.—Wm. A. Beaudry, June 3, 1916.

ST. JAMES MINING CO., LTD.

Principal place business: 408 Sixth St., Wallace, Ida.

Capital: $50,000. Shares: 1,000,000. Par value 5c.

President: Mrs. Theresa James, Spokane, Wash.
Sec.-Treas.: Jos. F. Whelan, Wallace, Idaho.
Manager: Mrs. Theresa James, Spokane, Wash.
Supt.: Peter Grant, Wallace, Idaho.
Directors: Mrs. Theresa James, Spokane; Jos. F. Whelan, Peter Grant, Wallace, Idaho.

Silver-lead—2 patented claims on Sunset Peak joining Senator Clark's Sunset property, in Beaver Mining district; 1000 feet of tunnels; 4 men are working, advancing a crosscut.—Jos. F. Whelan, April 17, 1916.

SUCCESS MINING CO., LTD.

Incorporated under laws of Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
Transfer office: Wallace, Idaho.
President: P. J. Gearon, Wallace, Idaho.
Sec.-Treas.: L. C. Wilson, Wallace, Idaho.
Manager: P. J. Gearon, Wallace, Idaho.
Supt.: Jas. Gearon, Wallace, Idaho.
Directors: P. J. Gearon, L. C. Wilson, James Gearon, Wallace, Idaho; E. H. Becker, Parsons Hotel, Spokane, Wash.; C. M. Carroll, c/o Fidelity National Bank, Spokane, Wash.

Property consists of 8 claims at head of Nine Mile in Placer Center Mining district; lead-zinc; now working 175 men in mill and mine; since becoming known as Success has paid $1,080,000 in dividends. Estimated that it paid $800,000 in dividends while known as Granite. Pioneer zinc mine of Coeur d'Alenes.—L. C. Wilson, June 3, 1916.

SUNSET BANNER MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $375,000. Shares: 1,500,000. Par value 25c.
President: Al Honaker, Wallace, Idaho.
Sec.-Treas.: Herman J. Rossi, Wallace, Idaho.
Manager: Dan L. McGrath, Wallace, Idaho.
Directors: Al. Honaker, Herman J. Rossi, Geo. Dougherty, D. L. McGrath, of Wallace, Idaho; Walter Graham, Spokane, Wash.

Lead-silver-zinc—5 unpatented claims at head of Beaver Creek near Sunset in Beaver Mining district; about 1000 feet of underground workings; operations are to start shortly under bond and option.—D. L. McGrath, May 5, 1916.

SUNSHINE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.
President: D. L. McGrath, Wallace, Idaho.
Sec.-Teas.: G. W. Dougherty, Wallace, Idaho.
Manager: D. L. McGrath, Wallace, Idaho.
Directors: D. L. McGrath, Tillie Zeitfuchs, G. W. Dougherty, of Wallace, Idaho; Chas. Gullickson, Mullan, Idaho, Dr. E. G. Ellis, Missoula, Montana.

Lead-silver-zinc—6 unpatented claims, surveyed for patent; located on Beaver Creek between Beaver and Carbon Creeks and joins Idora on west 400 feet of tunnel and open cuts; now working small force.—G. W. Dougherty, April 27, 1916.

SUNSET DEVELOPMENT CO.

Principal place business: Wallace, Idaho.

Capital: $500,000. Shares: 2,000,000. Par value 25c.

President: Wm. Schierding, 511 Jamieson Bldg.,
Secretary: A. H. L. Meyer, Lister, Wash.
Treasurer: Wm. Schierding, Spokane, Wash.
Directors: Wm. Schierding, Spokane; P. J. Scoles, Mullan, Idaho; Wm. Brown, Bow, Wash.; J. A. Weid, Pocatello, Idaho.

Lead-silver-zinc—5 unpatented locations on Beaver Creek adjoining the Friend group, in Beaver Mining district; 600 feet of tunnels; will resume operations in short time.—Wm. Schierding, May 12, 1916.

SUNSET GROUP

Owner: W. A. Clark, Butte, Montana.

Property consists of a group of claims on Sunset Peak in Beaver Mining district; being developed by ex-Senator W. A. Clark, of Butte, Mont. Small force has been employed steadily for several months. Property is equipped with modern machinery.—June 3, 1916.

SYNDICATE MINING & MILLING CO., LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

Pesident: Alfred Steers, Chatcolet, Idaho.
Sec.-Treas.: Geo. Miner, Wallace, Idaho.
Manager: Alfred Steers, Chatcolet, Idaho.
Directors: Alfred Steers, Chatcolet; Geo. Miner, B. O. Skonnard, Morton Webster, Mrs. Augusta Steffens, Wallace, Idaho.

Silver-lead—6 unpatented claims in Saltese Mining district adjoining Bryan group, about 5 miles from Saltese on west fork of Packer creek; about 600 feet of tunnels; assessment work now being done.—Geo. D. Miner, May 8, 1916.

TARBOX MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: Richard Daxon, Wallace, Idaho.
Secretary: R. E. Seysler, Wallace, Idaho.
Treas.-Mngr.: Richard Daxon, Wallace, Idaho.
Directors: W. J. J. Smith, Richard Daxon, Dennis Reardon, R. E. Seysler, of Wallace, Idaho; Thos. H. Cotton, Butte, Mont.

Zinc-silver-lead—About 15 unpatented claims, 3 miles north of Saltese, Montana, in Saltese Mining district; now working 16 men, sinking shaft; about $150,000 has been expended on property.—R. E. Seysler, May 16, 1916.

TAMARACK & CUSTER CONSOLIDATED MINING COMPANY

Organized under laws of Nevada.

Principal place business. Wallace, Idaho.

Capital: $2,000,000. Shares: 2,000,000. Par value $1.

President: Jerome J. Day, Moscow, Idaho.
Secretary: Harry L. Day, Wallace, Idaho.
Treasurer: Jerome J. Day, Moscow, Idaho.
Mine Supt.: Thos. Jenkins, Wallace, Idaho.
Mill Supt.: Harry Stewart, Wallace, Idaho.
Directors: Frank M. Rothrock, Edwin H. Knight, Spokane; Edward Boyce, Portland, Ore.; Ramsay M. Walker, Harry L. Day, Eugene R. Day, Wallace; Jerome J. Day, Moscow, Idaho.

Galena—Holdings comprise a group of claims on Nine Mile. Company is interested in Northport smelter. Recently paid its first dividend of 2 cents a share.

TEDDY MINING & MILLING CO., LTD.

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: T. R. Mason, Kellogg, Idaho.
Sec.-Treas.: J. B. Cox, Kellogg, Idaho.
Directors: T. R. Mason, J. B. Cox, Geo. Westcott, C. W. Brown, Geo. Coleman, Kellogg, Idaho.

Lead-silver-zinc—9 unpatented claims and fraction about 3 miles east of Kellogg; 19 acres of patented ground at O. W. R. & N. Ry., in Yreka Mining district; about 1200 feet of underground workings; upper workings now leased to Kellogg Leasing Company, which is taking out ore.—J. B. Cox, May 25, 1916.

TEMPLE MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: Henry J. Koch, Burke, Idaho.
Sec.-Treas.: Geo. T. Edmiston, Wallace, Idaho.
Manager: Henry J. Koch, Burke, Idaho.
Directors: Henry J. Koch, J. C. Glahe, Jay Ostrander, Burke, Idaho; Geo. T. Edmiston, Wallace, Idaho; John Stambaugh, Youngstown, Ohio; Dana R. Treat, Wallace, Idaho.

Lead-silver-copper—5 patented claims on Canyon creek 2½ miles east of Burke in Lalande Mining district ;about 1700 feet of underground workings; not being worked at present.—Geo. T. Edmiston, May 23, 1916.

TIBERIUS MINING COMPANY, THE

Principal place business: Wallace, Idaho.

Capital $100,000. Shares: 1,000,000. Par value 10c.

President: Felix DeMarinel, 103 S. Stevens St., Spokane, Wash.
Sec.-Treas.: M. H. White, 103 S. Stevens St., Spokane, Wash.
Manager: D. C. Nicholson, 103 S. Stevens St., Spokane, Wash.
Directors: C. C. Graham, R. A. Hutchinson, F. M. Gardner, E. S. Ross, Felix DeMarinel, Wm. S. Lewis, D. C. Nicholson, M. H. White, of Spokane, Wash.; Ida Scheave, Wallace, Idaho.

Company has a group of claims on Pine creek in Yreka Mining district. Development work is now being done.—Ida Scheave, June 3, 1916.

TORINO MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Joseph Peila, Wallace, Idaho.
Sec.-Treas.: Jos. F. Whelan, Wallace, Idaho.
Manager: Joseph Peila, Wallace, Idaho.

Directors: Joseph Peila, Jos. F. Whelan, Alex Salvy, Barney Fridena, all of Wallace, Idaho.

Silver-lead—15 unpatented claims in Hunter Mining district about a half mile south of the Morning mill; 2000 feet of tunnel; work is to be resumed July 1, 1916.—Jos. F. Whelan, April 17, 1916.

TRADE DOLLAR MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.

President: Frank P. Markwell, Wallace, Idaho.
Sec.-Treas.: E. H. Pattison, Hutton Bldg., Spokane, Wash.
Manager: E. H. Pattison, Hutton Bldg., Spokane, Wash.

Directors: Frank P. Markwell, Morton Webster, Wallace, Idaho; E. H. Pattison, Paris Renshaw, Hutton Bldg., Spokane, Wash.

Lead-silver—6 patented claims just west of Burke in Gorge gulch in Lalande Mining district; about 3000 feet of tunnels; property is idle at present.—E. H. Pattison, May 5, 1916.

TREASURE-VAULT MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: E. R. Day, Wallace, Idaho.
Secretary: Geo. Miner, Wallace, Idaho.
Treasurer: C. M. Johnson, Wallace, Idaho.
Manager: Hugh Ross, Wallace, Idaho.

Directors: E. R. Day, Geo. Miner, C. M. Johnson, Hugh Ross, all of Wallace, Idaho.

Lead-silver—3 claims and a fraction, patented, just west of Success, in Placer Center Mining dis-

trict; has a shaft 200 feet deep, another down 90 feet; and about 100 feet of tunnel; company planning on resuming operation.—C. M. Johnson, April 27, 1916.

TRASK DEVELOPMENT COMPANY.

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $75,000. Shares: 75,000. Par value $1.
President: Geo. R. Trask, Wallace, Idaho.
Sec.-Treas.: M. E. Trask, Wallace, Idaho.
Manager: Geo. R. Trask, Wallace, Idaho.
Directors: Geo. R. Trask, M. E. Trask, Geo. T. Edmiston, Wallace, Idaho.

The company is not doing anything at this time.—Geo. R. Trask, May 31, 1916.

TUSCUMBIA LEASING COMPANY

Co-Partnership.

Principal place business: Wallace, Idaho.

Firm: Gus Ehrenberg, Palmerston Hotel, Spokane, Wash.; Albert Nelson, Wallace, Idaho.
Manager-Supt.: Albert Nelson, Wallace, Idaho.
Mill Supt.: James Connor, Wallace, Idaho.

Company has lease on holdings of Tuscumbia Mining Co. on royalty basis; lease expires in July, 1917; about 15 men working. Mill will be started shortly and shipping resumed soon thereafter.—Gus Ehrenberg, April 17, 1916.

TUSCUMBIA MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $750,000. Shares 1,500,000. Par value 50c.
President: George May, Stevensville, Mont.
Sec.-Treas.: Morton Webster, Wallace, Idaho.
Manager: D. L. McGrath, Wallace, Idaho.
Directors: George May, D. J. Whaley, Stevensville, Mont.; A. A. Whaley, Kellogg, Idaho; Morton Webster and D. L. McGrath, Wallace, Idaho.
Idaho Managing Agent and Attorney in Fact: Morton Webster, Wallace, Idaho.

Lead-silver—Has shipped 1000 tons of ore; property now under lease to the Tuscumbia Leasing Co. —May 1, 1916.

TRAPPER MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: Henry E. Howes, Wallace, Idaho.
Sec.-Treas.: F. P. Candee, Wallace, Idaho.
Directors: Herman J. Rossi, Henry E. Howes, F. P. Candee, of Wallace, Idaho; Thos. McGowan, Spokane, Wash.

Lead-silver-zinc—8 patented claims on Trapper Creek, a tributary of Pine Creek west of Douglas in Yreka Mining district; about 700 feet of tunnel and considerable open cut work; company expects to resume operations by June 1, 1916.—F. P. Candee. April 28, 1916.

TYLER MINING & MILLING CO., LTD.

Organized under laws of Idaho.

Principal place business: Burke, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Jacob Frank, Burke, Idaho.
Sec.-Treas.: Albert Hansaman, Burke, Idaho.
Manager: Albert Hansaman, Burke. Idaho.
Directors: August Nelson, Anton Swanson, George Hrionak, Andrew West, Burke, and Otto E. Dubach, Wallace, Idaho.

Lead-silver—8 unpatented claims, about 700 feet of work done. Now working 2 men.—Albert Hansaman, June 3, 1916.

TERRIBLE EDITH MINING COMPANY

Co-Partnership.

Principal place business: Murray, Idaho.

Principal Owners: Lyman Wood, Wallace, Idaho; Washington Snyder, Jas. R. Wood, Murray, Idaho.

Lead-zinc—4 unpatented claims 1½ miles east of Murray at head of West gulch; about 3000 feet of underground workings; gross receipts from ore shipped about $100,000; the property was worked under lease during the past year.—Lyman Wood, May 6, 1916.

TROJAN MINING COMPANY

Incorporated under laws of Washington.

Principal place business: 321 Exchange Bank Bldg., Spokane, Wash.
Capital: $150,000. Shares: 1,500,000. Par value 10c.
President: John R. Cassin, 321 Exch. Bank Bldg., Spokane, Wash.
Sec.-Treas.: Theo. Huetter, 321 Exch. Bank Bldg., Spokane, Wash.
Manager: John T. Huetter, 321 Exch. Bank Bldg., Spokane, Wash.
Superintendent: Thos. Sheppard, Box 747, Wallace.
Directors: Thos. Sheppard, Wallace, Idaho; John R. Cassin; John T. Huetter, Theo. Huetter, of Spokane, Wash.

Lead-silver—6 unpatented claims on Revenue gulch, in Evolution Mining district; about 900 feet of underground workings; will resume operations shortly.—Thos. Sheppard, May 17, 1916.

UNITED AMERICAN MINES COMPANY

Principal place business: Wallace, Idaho.

Capital: $3,000,000. Shares 3,000,000. Par value $1.
President: Frank P. Markwell, Wallace, Idaho.
Sec.-Treas.: E. H. Pattison, Spokane, Wash.
Directors: Morton Webster, Jas. A. Wayne, Frank P. Markwell, of Wallace, Idaho; Paris Renshaw, E. H. Pattison, Hutton Bldg., Spokane, Wash.

This is a holding company; not developing any property.—E. H. Pattison, May 5, 1916.

U. S. COPPER COMPANY

Principal place business: Wallace, Idaho.

Capital: $100,000. Shares: 1,000,000. Par value 10c.
President: Emma Stansfield, Wallace, Idaho.
Sec.-Treas.: H. V. Edwards, Jr., Wallace, Idaho.
Manager: H. V. Edwards, Jr., Wallace, Idaho.
Directors: Jack Lucas, H. V. Edwards, Jr., C. W. Edwards, H. V. Edwards, Emma Stansfield, Chas. Strope, Jesse Freeman, all of Wallace, Idaho.

Copper-silver-gold—3 unpatented claims at the head of Clear Creek, 3 miles east of the Idaho-Montana line and 13 miles from Thompson Falls,

Montana; 160 foot tunnel on vein; company will work the property this summer, and is now building a wagon road and putting in water power.—L. R. Feetham, May 9, 1916.

VALENTINE MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000 Par value $1.

President: E. B. Reitzel, Wallace, Idaho.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Manager: A. L. Thurston, DeBorgia, Mont.
Directors: A. L. Thurston, DeBorgia, Mont.; Otto A. Olsson, E. B. Reitzel, O. W. Lewis, Thos. McCabe, Wallace, Idaho.

Copper—3 unpatented claims near DeBorgia, Mont., in East Coeur d'Alene Mining district; considerable development work has been done and the company is now working a small force sinking shaft. —Otto A. Olsson, May 2, 1916.

VENDETTA CHIEF

Co-Partnership.

Owners: Mrs. Wilhelmina Kincannon, Murray, Idaho; C. F. Lillie, Gem, Idaho.

Lead-silver—3 unpatented claims in Vendetta gulch, 3-4 of a mile from Raven, above Murray, in Summit Mining district; 350 feet of underground workings; company expects to resume operations shortly.

VERDE-MAY MINING COMPANY

Incorporated under laws of Idaho.
Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Leander Lindsten, Gem, Idaho.
Sec.-Treas.: W. H. Hanson, Wallace, Idaho.
Manager: Leander Lindsten, Gem, Idaho.
Directors: Fred Magnusson, Wallace; Ed Erickson, Leander Lindsten, of Gem, Idaho; Louis Nelson, W. H. Hanson, Wallace, Idaho.

Lead-silver—5 unpatented claims below Gem, on Canyon Creek in Lalande Mining district; about 800 feet of workings; will resume operations during summer.—W. H. Hanson, May 31, 1916.

V GROUP

Co-Partnership.

Owners: E. D. Booth, Kellogg, Idaho; P. J. Lynch and Chas. Lynch, Sunset, Idaho.

Lead-silver—8 unpatented claims on the east fork of Pine creek adjoining the Nabob on the northwest. 1000 feet of underground workings; operations to be resumed shortly.—E. D. Booth, June 7, 1916.

VIENNA-INTERNATIONAL MINING & MILLING CO., LTD.

Principal place business: 807 Bank St., Wallace, Ida.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: Fred V. Phinney, Coeur d'Alene, Idaho.
Sec.-Treas.: R. A. Marshall, Wallace, Idaho.
Manager: R. A. Marshall, Wallace, Idaho.
Directors: W. B. Lively, Alex Livingston, R. A. Marshall, of Wallace; Fred V. Phinney, Coeur d'Alene, Idaho; D. Rosenbaum, Oakland, Calif.

Lead-silver—3 patented and 2 unpatented claims on Placer Creek, 6 miles from Wallace, in Placer Center Mining district about 1000 feet of drift; shaft about 130 feet; 500 feet of crosscut.—Peter Limacher, May 11, 1916.

F. C. Bailey and associates of Spokane have taken control of the property.

VIENNA VEIN MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Otto A. Olsson, Wallace, Idaho.
Sec.-Treas.: F. Bland, Wallace, Idaho.
Manager: W. B. Lively, Wallace, Idaho.
Directors: A. B. Livingston, W. B. Lively, Otto A. Olsson, O. A. Olin, F. Bland, Wallace, Idaho.

Lead-silver—8 unpatented claims on Placer creek about 3 miles from Wallace; 650 feet of tunnel; company expects to start work soon.—F. Bland, May 1, 1916.

VINDICATOR MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Mrs. Katherine Powers, Mullan, Idaho.
Sec.-Treas.: Thos. Powers, Mace, Idaho.
Manager: Thos. Powers, Mace, Idaho.
Directors: Wm. P. Flood, Mrs. Katherine Powers, A. P. McRae, Mullan, Idaho; Thos. Powers, Mace, Idaho; Jos. Thennes, Wallace, Idaho.

Lead-silver—2 claims and 2 fractions, unpatented, about 1 mile east of Mullan on Deadman gulch, in Hunter Mining district; about 1500 feet of underground workings; no work being done now.—M. J. McHugh, May 17, 1916.

VIRGINIA MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Patrick Burke, Wallace, Idaho.
Sec.-Treas.: Jos. F. Morton, Lindell Bldg., Spokane, Wash.
Mngr.-Supt.: Patrick Burke, Wallace, Idaho.
Directors: J. F. Morton, Spokane; Patrick Burke, Elizabeth Burke, L. L. Sweet, R. E. Dunlap, Wallace, Idaho; Richard McBreen, Walter Law, Hillyard, Wash.

Lead-silver-zinc—1 unpatented claim on west side of Sunset peak in Beaver Mining district; 1000 feet of underground workings; now working 2 men drifting on vein.—Patrick Burke, April 27, 1916.

WALLACE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $500,000. Shares: 500,000. Par value $1.

President: D. C. McKissick, Wallace, Idaho.
Sec.-Treas.: J. M. Porter, Spokane, Wash.
Manager: D. C. McKissick, Wallace, Idaho.
Directors: D. C. McKissick, Wallace, Idaho; J. M. Porter, Spokane, Wash.

Lead-silver—2 patented claims located on east side of Burke canyon, at Frisco, in Lalande Mining dis-

trict; considerable work done years ago, but has been inactive for some years.—D. C. McKissick, May 4, 1916.

WALL STREET MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.

President: C. A. Pooley, Mullan, Idaho.

Sec.-Treas.: C. Fred Kratzer, 706 W. Euclid Ave., Spokane, Wash.

Manager: E. A. Gneadinger, Wallace, Idaho.

Directors: C. Fred Kratzer, Spokane; Geo. K. Garrett, E. A. Gneadinger, O. W. Lewis, Wallace, Idaho; C. A. Pooley, Mullan, Idaho.

Lead-silver—17 patented and 17 unpatented claims.—C. Fred Kratzer, June 7, 1916.

WASHINGTON MINING COMPANY

Incorporated under laws of Idaho.

Principal place business: Burke, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: John J. Finley, Burke, Idaho.

Sec.-Treas.: Dr. Chas. A. Dettman, Burke, Idaho.

Manager: John J. Finley, Burke, Idaho.

Directors: J. C. Glahe, Andy Anderson, John J. Finley, Dr. Chas. A. Dettman, of Burke, Idaho, and Hugh Toole, of Wallace, Idaho.

Lead-silver—6 unpatented claims about 4000 feet north of the Hercules at head of Granite Creek; about 3 miles north of Burke in Lalande Mining district; 350 feet of tunnel; working a small force advancing lower tunnel.—Hugh Toole, May 12, 1916.

WALLACE GROUP

Owner: Joseph Peila, Wallace, Idaho.

Silver-lead—6 unpatented claims on Lead gulch, north of Chicago-Boston, in Evolution Mining district; 1300 feet of tunnel and crosscut; will organize company and resume operations during summer.—Joseph Peila, May 1, 1916.

WEST BELL MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $50,000. Shares: 1,000,000. Par value 5c.

President: Vacant.

V. Pres.: Vacant.

Sec.-Treas.: J. Fred Markwell, Wallace, Idaho.

Manager: Andy Flodstrom, Gem, Idaho.

Directors: J. Fred Markwell, Wallace; Andy Flodstrom, Gem; some vacancies on board.

Silver-lead—6 patented claims above Gem on west side of Burke canyon, in Lalande Mining district; 2200 feet of tunnel and some drifting on vein; not working now.—Alexander Murphy, May 1, 1916.

WEST GEM MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,250,000. Shares: 1,250,000. Par value $1.

President: Caesar Schneider, 176 Howard St., Spokane, Wash.

Sec.-Treas.: Alexander Murphy, Wallace, Idaho.

Manager: Alexander Murphy, Wallace, Idaho.

Directors: Scott Godfrey, Gem; J. S. Deitsch, Caesar Schneider, Spokane, Wash.; Alexander Murphy, Wallace, Idaho.

Silver-lead—1 claim and a fraction, located at Gem on west side of Burke canyon; Lalande Mining district; company holds property under bond and lease; about $5000 has been expended on development; will be worked again this summer.—Alexander Murphy, May 1, 1916.

WESTERN UNION MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $200,000. Shares: 2,000,000. Par value 10c.

President: D. H. Anderson, Spokane, Wash.

Secretary: Ben L. Collins, Spokane, Wash.

Treasurer: L. L. Woodford, Wallace, Idaho.

Directors: D. H. Anderson, Russel F. Collins, Spokane, Wash.; J. E. Burbank, Cheney, Wash.; Geo. W. Allen, Seattle, Wash.; William Holm, Wm. Bjorklund, Erick Hagman, Wallace, Idaho.

Company recently organized to take over Aurora-

Sampson and H. E. M. Holdings comprise about 26 claims about 2½ miles northwest of Wallace. Considerable exploration work has been done.

WALLACE MINING, MILLING & REALTY CO.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Louis Dahl, Spokane, Wash.
Secretary: G. D. Evans, Wallace, Idaho.
Treasurer: H. J. Rossi, Wallace, Idaho.
Directors: Louis Dahl, Wm. Fagan, Spokane, Wash.; G. D. Evans, H. J. Rossi, Wallace, Idaho; Henry Sanders, Hatton, Wash.

Lead-silver—1 patented and 8 unpatented claims adjoining Wallace on Placer Creek; 2400 feet of underground workings; 8 men now working; company is putting in power line to supply electricity. —G. D. Evans, May 8, 1916.

WESTERN SILVER-LEAD MINING CO., LTD.

Principal place business: Stewart, Idaho.

Capital: $500,000. Shares: 500,000. Par value $1.

President: O. B. Hathaway, Vancouver, Wash.
Sec.-Treas.: Jeremiah Miller, Stewart, Idaho.
Mngr.-Supt.: Jeremiah Miller, Stewart, Idaho.
Directors: O. B. Hathaway, Vancouver, Wash.; Jeremiah Miller and M. M. Miller, Stewart, Idaho.

Silver-lead—7 patented claims and fractions, and 13 unpatented claims and fractions, adjoining Bunker Hill & Sullivan and Last Chance; located on both sides of Government gulch in Yreka Mining district; about 7000 feet of underground workings, on Government gulch claims; several-cars of ore have been shipped; now in operation.

12 claims on Butte Creek, 4½ miles from Murray; assessment work done on this group.—Jeremiah Miller, April 29, 1916.

WESTERN STAR MINING COMPANY.

Principal place business: Wallace, Idaho.

Capital $150,000. Shares: 1,500,000. Par value 10c.

President: S. P. Fairweather, Wallace, Idaho.
Sec.-Treas.: Elmer Johnson, Wallace, Idaho.

Manager: George Sparenberg, Wallace, Idaho.
Directors: S. P. Fairweather, Elmer Johnson, Geo. Sparenberg, Jas. A. Wayne, of Wallace, Idaho; Larry Dooling, Mullan, Idaho.

Lead-silver-copper.—6 unpatented claims at lower forks of Big Creek in Evolution and Yreka Mining districts; about 2000 feet of tunnel; open cuts; now sinking shaft on ledge with 3 men.—Elmer Johnson, May 4, 1916.

WEST HECLA MINING COMPANY

Principal place business: Spokane, Wash.

Capital: $150,000. Shares: 150,000. Par value $1.

President: Morton Webster, Wallace, Idaho.
Sec.-Treas.: J. V. Pohlman, Empire State Bldg., Spokane, Wash.
Manager: J. V. Pohlman, Empire State Bldg., Spokane, Wash.
Directors: A. A. Booth, J. V. Pohlman, Dr. Russell, Spokane, Wash.; Morton Webster, Wallace, Idaho.

Lead-silver—3 patented claims at Burke, on west side of Canyon creek, in Lalande Mining district; 1200 feet of tunnels; now working under contract on crosscut.—A. A. Booth, June 1, 1916.

WEST HUNTER MINING COMPANY, LIMITED

Incorporated under laws of Idaho.

Principal place business: Mullan, Idaho.

Capital: $150,000. Shares: 1,500,000. Par value 10c.

President: A. M. Strode, Mullan, Idaho.
Sec.-Treas.: H. A. Rogers, Wallace, Idaho.
Manager: A. M. Strode, Mullan, Idaho.
Directors: A. M. Strode, Wm. P. Flood, Alicia F. Strode, Mullan, Idaho; R. S. Merriam, H. A. Rogers, Wallace, Idaho.

Lead-silver—1 patented and 7 unpatented claims, located 3-4 of a mile north of Mullan, on Mill Creek, lying directly between the Morning and Hunter mines, in Hunter Mining district; 600 feet of tunnel; are now driving lower tunnel to vein under contract. —A. M. Strode, June 6, 1916.

WARDNER MINING & MILLING CO.

Principal place business: Kellogg, Idaho.

Capital: $250,000. Shares: 1,000,000. Par value 25c.

President: Jacob Dunn, Wardner, Idaho.
Sec.-Treas.: A. O. Larson, Kellogg, Idaho.
Directors: Jacob Dunn, Wardner; E. C. Moore, T. P. Wormward, F. M. Bedell, A. O. Larson, Kellogg, Idaho.

Lead-silver—5 unpatented claims on Haystack Peak, in Yreka Mining district; not working.—A. O. Larson, May 1, 1916.

WEST NINE MILE MINING COMPANY

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Chas. Heilbronner, Wallace, Idaho.
Secretary: George H. Heller, Box 22, Osburn, Idaho.
Treasurer: Chester J. Howarth, Wallace, Idaho.
Directors: Jos. F. Whelan, Charles Heilbronner Henry Leib, Chester J. Howarth, Wallace, Idaho; Geo. H. Heller, Osburn, Idaho.

Lead-silver—4 unpatented claims west of Success and Alameda, on west fork of Nine Mile in Placer Center Mining district; 200 feet of tunnels and shaft 40 feet deep on ledge; work will commence about June 1st.—Geo. H. Heller, May 8, 1916.

WILBUR MINING COMPANY, LTD.

Principal place business: Wallace, Idaho.

Capital: $1,000,000. Shares: 1,000,000. Par value $1.

President: Allen J. Olson, Missoula, Montana.
Sec.-Treas.: Otto A. Olsson, Wallace, Idaho.
Directors: Allen J. Olson, Missoula, Mont.; O. A. Olin, P. O. Swanson, Otto A. Olsson, of Wallace, Idaho; Geo. F. Stoney, Portland, Oregon.

The company is not developing any property.

WILSON MINING & SMELTING CO.

Principal place business: Saltese, Mont.

Capital $200,000. Shares: 2,000,000. Par value 10c.

President: Wm. Burke, Saltese, Mont.
Sec.-Treas.: G. W. Dougherty, Wallace, Idaho.
Manager: Wm. Burke, Saltese, Mont.

Directors: Wm. Burke, Abbie Burke, Margaret Hays, Saltese, Mont.; Grace Early, Burke; G. W. Dougherty, Wallace, Idaho.

Copper—7 unpatented claims on Silver Creek about 2 miles from Saltese in East Coeur d'Alene Mining district; 400 feet of tunnel and open cuts; now working advancing tunnel.

Lead-silver—6 unpatented claims on Silver Creek north of copper claims; considerable exploration has been done.—G. W. Dougherty, April 27, 1916.

WISCONSIN MINING COMPANY.

Principal place business: Kellogg, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: Louis Bolduc, Kellogg, Idaho.
Sec.-Treas.: Robert Albinola, Kellogg, Idaho.
Manager: Louis Bolduc, Kellogg, Idaho.
Directors: Louis Bolduc, Jas. Bolduc, Jos. Gordon, Peter Mason, Dominick Giovinnonni, Kellogg, Idaho.

Lead-silver—5 unpatented claims, located about 2 miles east of Kellogg; company is working small force and expects to increase force soon.—Robert Albinola, May 2, 1916.

WONDER OF PINE CREEK MINING COMPANY

Principal place business: Kingston, Idaho.

Capital $150,000. Shares: 1,500,000. Par value 10c.

President: T. W. Hunt, Kingston, Idaho.
Sec.-Treas.: A. C. Morbeck, Kingston, Idaho.
Manager: F. E. Brown, Kellogg, Idaho.

Lead-zinc—4 claims and 2 fractions, unpatented, 200 acres of deeded ground on Pine creek in Yreka Mining district; property adjoins the Amy-Matchless millsite; about 2 miles from Pine creek spur. F. E. Brown holds an option on majority of stock of the company. Plans under way to resume development soon on an extensive scale.—F. E. Brown, June 7, 1916.

WYOMING MINING & MILLING CO.

Principal place business: Wardner, Idaho.

Capital $100,000. Shares: 1,000,000. Par value 10c.

President: Alfred Page, Spokane, Wash.
Sec.-Treas.: D. R. Treat, Wallace, Idaho.
Manager: Frederick Burbidge, Wallace, Idaho.

Directors: Alfred Page, Spokane, Wash.; Dana R. Treat, Frederick Burbidge, A. J. Devlin, Oscar Dull, of Wallace, Idaho.

Lead-silver—7 patented claims on first gulch below Government gulch, in Yreka Mining district; considerable tunnel work; no work has been done for some time; this is one of the old groups of the district.—D. R. Treat, May 3, 1916.

WONDERFUL MINING COMPANY, LTD.

Incorporated under laws of Idaho.

Principal place business: Wallace, Idaho.

Capital: $1,500,000. Shares: 1,500,000. Par value $1.

President: Dr. W. H. Holden, Coeur d'Alene, Idaho.
Sec.-Treas.: A. H. Featherstone, Wallace, Idaho.
Manager: A. H. Featherstone, Wallace, Idaho.

Directors: Dr. W. H. Holden, M. M. Taylor, Coeur d'Alene, Idaho; Henry E. Howes, A. H. Featherstone, Wallace, Idaho; Chas. Jackson, Burke, Ida.

Copper-lead—4 patented and 6 unpatented claims in St. Joe Mining district close to Idaho-Montana line; about 1700 feet of tunnel; now working small force.—A. H. Featherstone, May 16, 1916.

YANKEE, THE

Owner: Dennis Blake, Kellogg, Idaho.

Silver—4 patented claims and a millsite, located two miles up Big creek, in Evolution Mining district; 5000 feet of tunnel; shipments have been made off and on since 1886 on a small scale. Property is now under lease to the Big Creek Leasing company. —D. W. Price, June 2, 1916.

YANKEE GIRL MINING CO.

Incorporated under laws of Idaho.

Principal place business: Kellogg, Idaho.

Capital $10,000. Shares: 1,000,000. Par value 1c.

President: T. R. Mason, Kellogg, Idaho.
Secretary: J. B. Cox, Kellogg, Idaho.
Treasurer: F. E. Ellis, Kellogg, Idaho.
Manager: J. B. Cox, Kellogg, Idaho.
Directors: J. B. Cox, T. R. Mason, F. E. Ellis, Albert Schmidt, C. W. Brown, all of Kellogg, Idaho.

Silver-copper—10 unpatented claims on Big Creek, adjoining Yankee Boy and Polaris on the south side, in Evolution Mining district; about 2500 feet of underground workings; 2 men are working now.—J. B. Cox, May 25, 1916.

Coeur d'Alene Stocks Listed on the Wallace Exchange

Ajax,
Alameda,
Ambergris,
American Commander,
Benton,
Bullion,
Caledonia,
Carney Copper,
Carbonate Hill,
Constitution,
Copper King,
Copper Chief,
Cedar Creek,
Douglas,
Gertie,
Happy Day,
Hecla,
Highland-Surprise,
Hypotheek,
Idaho Giant,
Idaho Nevada,
Independence-Lead,
Idora,
Imperial,
Intermountain,
Interstate-Callahan,
Jack Waite,
Laclede,
Lucky Calumet,
Marsh,
Mammoth,

Missoula Copper,
Monitor,
Moonlight,
Nabob,
National,
Oom Paul,
Oreano,
Park Copper,
Reindeer Queen,
Silver Cable,
Silver Moon,
Snowshoe,
Snow Storm,
Stanley,
Stewart,
Sonora,
Success,
Tamarack,

Stock Exchange Membership
Wallace

Freeman, Otto.
Hooper & Kingsbury.
Howarth & Co., Jas. F.
Lieb Bros.
Leighty, L. L.
Mathis, Frank X.
Olin Co., O. A.
Pohlman & Co., T. T.
Richlie, C. C.
Rosauer Brokerage Co.
Surdival & Fox.
Wheaton & Co., H. C.
Whelan & Mortimer.
Young, O. R.

Mullan:

Ingram & Ingalls.
H. G. Loop.
M. P. Curran.

Kellogg:

D. W. Price.
Geo. H. McKinnis,

Spokane:

Bourke, W. H.
Stimmel, Ben F.
Fisher, Geo. M.

Butte:

W. H. Nichols.

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